

STIC Database Tracking Number:

To: Examiner Mark Fadok
Location: KNX 5D05
Art Unit: 3625
Date: August 4, 2009
Case Serial Number: 09/900265

From: Ginger R. DeMille
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Search Notes

Dear Examiner Fadok:

Please find attached the results of your search for the above-referenced case. The search was conducted using Dialog's Business Methods Databases.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

Note: EIC-Searcher identified "potential references of interest" are selected based upon their apparent relevance to the terms/concepts provided in the examiner's search request.

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I. Potential References of Interest

A. Dialog

11/3,K/53 (Item 53 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0010104351 - Drawing available
 WPI ACC NO: 2000-411446/200035
 XREFX Acc No: N2000-307633
 Globally unique address generation method for mobile computing applications, involves converting location data obtained from received global position information, to corresponding address for transfer control
 Patent Assignee: AIRBIQUITY INC (AIRB-N); INTEGRATED DATA COMMUNICATIONS INC (INTE-N); PRESTON D A (PRES-I); PRESTON J (PRES-I)
 Inventor: ALLEN D A; PRESTON A; PRESTON D; PRESTON D A; PRESTON J; VROMAN J

Patent Family (16 patents, 88 countries)		Application				
Number	Kind	Date	Number	Kind	Date	Update
WO 2000027091	A1	20000511	WO 1999US25872	A	19991102	200035 B
AU 200017120	A	20000522	AU 200017120	A	19991102	200040 E
US 6236652	B1	20010522	US 1998106727	P	19981102	200130 E
			US 1999432818	A	19991102	
EP 1125415	A1	20010822	EP 1999960196	A	19991102	200149 E
			WO 1999US25872	A	19991102	
US 20010015965	A1	20010823	US 1998106727	P	19981102	200151 E
			US 1999432818	A	19991102	
			US 2000727822	A	20001130	
CN 1316151	A	20011003	CN 1999810014	A	19991102	200205 E
MX 2000008421	A1	20011001	MX 20008421	A	20000828	200274 E
JP 2003524309	W	20030812	WO 1999US25872	A	19991102	200355 E
			JP 2000580355	A	19991102	
AU 765704	B	20030925	AU 200017120	A	19991102	200373 E
BR 199908762	A	20040225	BR 19998762	A	19991102	200416 E
			WO 1999US25872	A	19991102	
US 6920129	B2	20050719	US 1998106727	P	19981102	200547 E
			US 1999432818	A	19991102	
			US 2000727822	A	20001130	
CN 1127249	C	20031105	CN 1999810014	A	19991102	200556 E
EP 1125415	B1	20060125	EP 1999960196	A	19991102	200611 E
			WO 1999US25872	A	19991102	
MX 231447	B	20051017	WO 1999US25872	A	19991102	200620 E
			MX 20008421	A	20000828	
DE 69929627	E	20060413	DE 69929627	A	19991102	200629 E
			EP 1999960196	A	19991102	
			WO 1999US25872	A	19991102	
DE 69929627	T2	20060914	DE 69929627	A	19991102	200663 E
			EP 1999960196	A	19991102	
			WO 1999US25872	A	19991102	

Priority Applications (no., kind, date): US 1998106727 P 19981102; US 1999432818 A 19991102; US 2000727822 A 20001130

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2000027091	A1	EN	37	8		
National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW						
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW						
AU 200017120	A	EN				Based on OPI patent WO 2000027091
US 6236652	B1	EN				Related to Provisional US 1998106727
EP 1125415	A1	EN				PCT Application WO 1999US25872 Based on OPI patent WO 2000027091
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI						
US 20010015965	A1	EN				Related to Provisional US 1998106727 Division of application US 1999432818 Division of patent US 6236652
JP 2003524309	W	JA	44			PCT Application WO 1999US25872 Based on OPI patent WO 2000027091
AU 765704	B	EN				Previously issued patent AU 200017120
BR 199908762	A	PT				Based on OPI patent WO 2000027091 PCT Application WO 1999US25872
US 6920129	B2	EN				Based on OPI patent WO 2000027091 Related to Provisional US 1998106727 Division of application US 1999432818
EP 1125415	B1	EN				Division of patent US 6236652 PCT Application WO 1999US25872 Based on OPI patent WO 2000027091
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE						
MX 231447	B	ES				PCT Application WO 1999US25872 Based on OPI patent WO 2000027091
DE 69929627	E	DE				Application EP 1999960196 PCT Application WO 1999US25872 Based on OPI patent EP 1125415
DE 69929627	T2	DE				Based on OPI patent WO 2000027091 Application EP 1999960196 PCT Application WO 1999US25872 Based on OPI patent EP 1125415 Based on OPI patent WO 2000027091

Alerting Abstract ...The location data is converted to form an unresolved dynamic Internet protocol (UDIP) address. The address is used for transfer control and data routing between mobile device at current location and server. ...a method for transferring data between host and mobile apparatus; a dynamic geo-spatial routing methodology for data communication with wireless communication device; a method for data communication with mobile device

...

...ADVANTAGE - The client like mobile telephone or laptop computer can act as a server so that it can communicate directly onto larger network even the internet, reducing the number of intermediate machines. The independent client having assigned its own IP address based on global location, can emulate a gateway or router, encapsulating its own packets.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...current TCP/IP (v4) and future addressing (v6/ng) requirements. More specifically, it allows a decentralization of the unicast point to device on the hosted network. Geographical Internet Protocol (GeoIP) addressing will facilitate any cast routing schemes where the nearest node has a statically assigned GeoIP. Geo routing, and network management become a function of the GeoIP address...

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...
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...

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...

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Claims:

...A method for transferring data between a host and a mobile apparatus comprising the steps of: generating an unresolved dynamic IP(UDIP) address in the mobile apparatus based upon current coordinates of a geospatial global position of the mobile apparatus (72, 74, 76, 78, 80, 82);sending the UDIP address from the mobile apparatus to the host (94); andregistering and resolving the UDIP address in the host as an assigned IP address of the mobile apparatus for subsequent data transfer between the host and the mobile apparatus (102).

...

...current location data so as to form an unresolved dynamic internet protocol (UDIP) address for use in transfer control and routing of data between a mobile device located at the current location and a server.

A dynamic geo-spatial routing methodology for data communication with a wireless communications device comprising the steps of: receiving GPS satellite...

...wireless communications device;generating an unresolved dynamic IP (UDIP) address as a function of the current location data;transmitting the UDIP address to a remote server for use in routing data communication with the wireless communications device so that the current location of the device determines a dynamic yet unique identifier for data communication;identifying a first gateway on the Internet having a unique name and a predetermined assigned IP address;assigning the selected gateway for temporary use as a dynamic virtual gateway ;presenting the designated DVG to the wireless communication device as a virtual host;identifying a second gateway on the Internet having a unique name and a predetermined assigned IP address;assigning the second gateway as a next gateway; andresolving the UDIP to form a resolved dynamic IP address for data communications between the wireless device and a selected one of the first and second gateways.

1. A method of generating a globally unique address for mobile computing applications comprising the steps of: receiving global position information in a mobile device ;processing the received global position information to determine current location data comprising a current latitude, a current longitude, and a current altitude; andconverting the current location data so as to form an unresolved dynamic Internet protocol (UDIP) address in the mobile device for use in transfer control and routing of data between the mobile device located at the current location and a server.>

14/3,K/148 (Item 22 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00471012

Network address management for a wired network supporting wireless communication to a plurality of mobile users

Verwaltung von Netzadressen für ein Kabelgebundenes Netz mit drahtloser Übertragung zu einer Vielzahl von mobilen Teilnehmern

Gestion d'adresses de reseau pour un reseau cable qui supporte une communication sans fil pour une pluralite d'utilisateurs mobiles

PATENT ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Perkins, Charles Edward, 50 Glendale Rd. R.D. 1, Box 259, Ossining, New York 10562-1619, (US)

LEGAL REPRESENTATIVE:

Schafer, Wolfgang, Dipl.-Ing. (62021), IBM Deutschland Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 483547 A1 920506 (Basic)

EP 483547 B1 960508

APPLICATION (CC, No, Date): EP 91117070 911007;

PRIORITY (CC, No, Date): US 605592 901029

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): H04L-012/56; H04Q-007/20;

ABSTRACT WORD COUNT: 188

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1000
CLAIMS B	(English)	EPAB96	1096
CLAIMS B	(German)	EPAB96	1033
CLAIMS B	(French)	EPAB96	1239
SPEC A	(English)	EPABF1	4308
SPEC B	(English)	EPAB96	4472
Total word count - document A			5308
Total word count - document B			7840
Total word count - documents A + B			13148

...SPECIFICATION quickly be consumed. Preferably, the permanent assignment is only sufficiently long so as to accomplish a specific task which may require a plurality of separate network sessions. The global gateway 18 is responsible for maintaining the permanent pseudo-IP association even though a local gateway 16 may also maintain the relationship...

...mobile unit 10 identifier, or serial number, with a list of serial numbers to purge any stored packets that might have been saved for the mobile unit 10.

If the global gateway 18 returns to the newly activated mobile unit 10 a permanently registered pseudo-IP address, the global gateway 18 may also begin forwarding messages and other stored data to that mobile unit 10, through the local gateway 16. This data is originally received from the network during a period that the mobile unit 10 associated with the permanently registered pseudo-IP address is inactive. This received data is buffered by the global gateway 18 during this period for subsequent delivery to the mobile unit 10 when the mobile unit 10 once more becomes active.

Resumption of Service (Fig. 4)

When a mobile unit 10 enters a cell 11 and indicates that it is to continue a previous network connection it sends a message to the

local gateway 16...

...header station 12. The message causes the local gateway 16 to notify the global gateway 18, and possibly a previous local gateway 16, that the mobile unit 10 has migrated to the new cell 11. The local gateway 16 requests from the global gateway 18 all packets currently queued for the...to be out of touch, such as might arise if a particular mobile unit 10 wandered along the periphery of a cell 11; the local gateway 16 temporarily queues packets destined for the mobile units 10 within the local gateway's service area (or LAN). If the mobile unit 10 returns... the source of the data.

Having described the five communication operations listed above other aspects of the invention are now described, specifically multiple interactive global gateways and multiplexed, or shared, pseudo-IP addresses.

Multiple Interactive Global Gateways

A single global gateway 18 may become a bottleneck if it is simultaneously managing...

...if free movement and access to the same set of remote hosts is to be accomplished.

Multiplexed pseudo-IP Addresses

As a community of mobile units 10 develops the required pseudo-IP addresses may be in short supply. If sessions with remote users having no special knowledge of the pseudo-IP...

...is to continue to allocate more and more IP addresses. However, the remote users can be provided with facilities specifically directed to the needs of mobile unit 10 communications. Thus, software may be employed that uses a same pseudo-IP address to designate an arbitrarily large number of mobile units 10. Differentiation between mobile units 10 sharing a common pseudo-IP address is accomplished by including their respective unique identifiers, such as their serial numbers, within each IP packet.

This additional functionality of the remote users preferably resides in a layer above the TCP protocol handling. One suitable level is in the operating system. This added functionality demultiplexes the session stream according to an additional header, containing the mobile unit's serial number, into ports opened by the processes run by the remote user. Packets sent from the remote user to a particular mobile unit 10 are directed to the local gateway 16 that is responsible, at that particular time, for the desired mobile unit 10.

...SPECIFICATION quickly be consumed. Preferably, the permanent assignment is only sufficiently long so as to accomplish a specific task which may require a plurality of separate network sessions. The global gateway 18 is responsible for maintaining the permanent pseudo-IP association even though a local gateway 16 may also maintain the relationship...

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mobile unit 10.

11/3,K/31 (Item 31 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010972525 - Drawing available

WPI ACC NO: 2001-596354/200167

XRFX Acc No: N2001-444590

Identification of transactions made via telephone communications e.g. for the Internet, includes an electronic device for unique identification of the telephone line and/or of the personal codes

Patent Assignee: LEONETTI LUPARINI A (LUPA-I); LUPARINI A L (LUPA-I)

Inventor: LEONETTI LUPARINI A

Patent Family (2 patents, 92 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2001052210	A1	20010719	WO 2000EP6012	A	20000628	200167 B
AU 200064300	A	20010724	AU 200064300	A	20000628	200168 E

Priority Applications (no., kind, date): IT 2000RM16 A 20000114

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2001052210	A1	EN	12	1		
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National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TG UZ ZW

AU 200064300	A	EN			Based on OPI patent	WO 2001052210
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Identification of transactions made via telephone communications e.g. for the Internet, includes an electronic device for unique identification of the telephone line and/or of the personal codes

Alerting Abstract ...telecommunication apparatus (2); telephone line (3) designed to connect the communication device to a telephone exchange (4) belonging to an intermediary operator; electronic device for unique identification of the telephone line and/or of the personal codes; communication device (5) between the telephone exchange and a telecommunication network of the type used for accessing Internet, to which electronic processors (6) are connected to handle data, exchange commercial information and monitor the status of...
...level of security, by preventing data of major economic value, which may be subject to acts of computer piracy, from being sent into the internet network. Provides a system for identifying the persons and the data transmitted in the purchasing operations via Internet that is easy to manage and facilitates the...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...of transactions made via telephone communications, in particular operations for buying and selling merchandise or services, comprising at least one first personal computer (1) designed to transmit data and information in connection with at least one telephone telecommunication apparatus (2), at least one telephone line (3) designed to connect the said communication means to at least one telephone exchange (4) belonging to an intermediary operator, first electronic means for unique identification of the said telephone line and/or of said personal codes, second communication means (5) between the said telephone exchange and a telecommunication network of the type used for accessing Internet, to which electronic processors (6) are connected adapted to handle data, exchange commercial information and monitor the status of the transactions, and...

...processeurs electroniques (6) concus pour traiter des donnees, echanger des informations commerciales et surveiller l'etat des transactions, et comprenant un second dispositif permettant d'identifier ledit operateur telephonique commercial.

Claims:

B. Additional Resources Searched

No additional resources were searched.

II. Inventor Search Results from Dialog

No inventor results of interest, except the published patent application below.

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? s pn=us 20020029175
    S1      1 PN=US 20020029175
? t1/19/1

1/19/1
DIALOG(R)File 350:Derwent WPIX
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0012447330

WPI ACC NO: 2002-392930/200242

XRPX Acc No: N2002-308035

Electronic commodity purchasing system through network, has electronic commodity server that receives connection request from computer and cellular phone and executes appropriate session control

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: ISHIBASHI M; ISHII T; YABUTA K

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020029175	A1	20020307	US 2001900265	A	20010706	200242 B
JP 2002041905	A	20020208	JP 2000212455	A	20000713	200242 E

Priority Applications (no., kind, date): JP 2000212455 A 20000713

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020029175	A1	EN	25	19	
JP 2002041905	A	JA	15		

Alerting Abstract US A1

NOVELTY - An electronic commodity (EC) server (6) receives a connection request sent from a computer (7) and a cellular phone (1). A gateway (5) adds an identifier corresponding to an identification code of the cellular phone, to the request. The EC server has a determination unit that determines whether an identifier is included and executes an appropriate session control based on the determination result.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.Commodity purchasing method;

2.Computer readable recorded medium storing commodity purchasing program

USE - For purchasing commodities through networks e.g. Internet, LAN or WAN using TCP/IP networks using optical communication, to establish e-commerce.

ADVANTAGE - Allows users of both computer and cellular phone to access the same EC server, and hence allows sharing of database and commodity purchasing system.

DESCRIPTION OF DRAWINGS - The figure shows the detailed block diagram of the electronic commodity purchasing system.

1Cellular phone

5Gateway
6EC server
7Computer

Main Drawing Sheet(s) or Clipped Structures(s)

Title Terms/Index Terms/Additional Words: ELECTRONIC; COMMODITY; PURCHASE;
SYSTEM; THROUGH; NETWORK; SERVE; RECEIVE; CONNECT; REQUEST; COMPUTER;
CELLULAR; TELEPHONE; EXECUTE; APPROPRIATE; SESSION; CONTROL

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0013/00	A	I	L	R	20060101
G06Q-0030/00	A	I		R	20060101
G06Q-0050/00	A	I	L	R	20060101
G06F-0013/00	C	I	L	R	20060101
G06Q-0030/00	C	I		R	20060101
G06Q-0050/00	C	I	L	R	20060101

ECLA: G06Q-030/00C

US Classification, Current Main: 705-027000

US Classification, Issued: 70527

JP Classification

FI Term		Facet Rank Type
G06F-013/00	353 C	
G06F-017/60	318 Z	
G06F-017/60		ZEC

F-Term View Point Additional

Theme	+ Figure	Code
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5B049		
5B089		
5B049	BB11	
5B049	CC05	
5B089	GA25	
5B049	GG06	
5B089	HA13	
5B089	JA08	
5B089	KA10	
5B089	KB06	
5B089	KG03	

File Segment: EPI;

DWPI Class: T01; T05; W01

Manual Codes (EPI/S-X): T01-J05B4P; T01-N01A1; T01-N01A2F; T01-N02A3C;
T01-N02B1B; T01-S03; T05-L02; W01-A06B5A; W01-A06B5B; W01-A06B7C;
W01-A06C; W01-A06F2C

Original Publication Data by Authority

Japan

Publication No. JP 2002041905 A (Update 200242 E)

Publication Date: 20020208

**COMMODITY BUYING SYSTEM, COMMODITY BUYING METHOD AND STORAGE MEDIUM
STORED WITH PROGRAM FOR EXECUTING COMMODITY BUYING METHOD**

Assignee: INTERNATL BUSINESS MACH CORP <IBM> (IBM)

Inventor: YABUTA KAZUHIRO

ISHIBASHI MASAOKI

ISHII TAKASHI

Language: JA (15 pages)

Application: JP 2000212455 A 20000713 (Local application)

Original IPC: G06F-17/60(A) G06F-13/00(B)

Current IPC: G06F-13/00(R,A,I,M,JP,20060101,20051220,A,L)

G06F-13/00(R,I,M,JP,20060101,20051220,C,L)

G06Q-30/00(R,I,M,EP,20060101,20051008,A)

G06Q-30/00(R,I,M,EP,20060101,20051008,C)

G06Q-50/00(R,I,M,JP,20060101,20051220,A,L)

G06Q-50/00(R,I,M,JP,20060101,20051220,C,L)

Current ECLA class: G06Q-30/00C

Current JP FI-Terms: G06F-13/00 353 C G06F-17/60 318 Z G06F-17/60 (ZEC)

Current JP F-Terms: 5B049 5B089 5B049BB11 5B049CC05 5B089GA25 5B049GG06
5B089HA13 5B089JA08 5B089KA10 5B089KB06 5B089KG03

United States

Publication No. US 20020029175 A1 (Update 200242 B)

Publication Date: 20020307

Method and system for performing commodity purchasing

Assignee: International Business Machines Corporation, Armonk, NY, US
(IBM)

Inventor: Yabuta, Kazuhiro, Kanagawa-ken, JP

Ishibashi, Masaaki, Kanagawa-ken, JP

Ishii, Takashi, Yokohama-shi, JP

Agent: A. Bruce Clay, IBM Corporation T81/503, PO Box 12195, Research
Triangle Park, NC, US

Language: EN (25 pages, 19 drawings)

Application: US 2001900265 A 20010706 (Local application)

Priority: JP 2000212455 A 20000713

Original IPC: G06F-17/60(A)

Current IPC: G06F-13/00(R,A,I,M,JP,20060101,20051220,A,L)

G06F-13/00(R,I,M,JP,20060101,20051220,C,L)

G06Q-30/00(R,I,M,EP,20060101,20051008,A)

G06Q-30/00(R,I,M,EP,20060101,20051008,C)

G06Q-50/00(R,I,M,JP,20060101,20051220,A,L)

G06Q-50/00(R,I,M,JP,20060101,20051220,C,L)

Current ECLA class: G06Q-30/00C

Current US Class (main): 705-027000

Original US Class (main): 70527

Original Abstract: Commodities may be purchased through a network by sending a request from a computer or a cellular phone. An identifier corresponding to an identification code of the cellular phone is included in the phone request. By analyzing a connection request, it is determined whether or not the identifier is included. Different session control is executed depending on whether the identifier is included or not.

Claim: What is claimed:

1.
 - **1**. A network commodity purchasing system with a unit for receiving a connection request sent from both a computer and a cellular phone and an identifier corresponding to an identification code of the cellular phone, wherein said unit for receiving said connection request comprises:
 - * a unit for determining whether or not said identifier is included;
and
 - * a unit for executing a different session control depending on whether said identifier is included or not.

III. Text Search Results from Dialog

A. Full-Text Databases

? show files;ds

File 350:Derwent WPIX 1963-2009/UD=200949

(c) 2009 Thomson Reuters

File 344:Chinese Patents Abs Jan 1985-2006/Jan

(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2009/Mar(Updated 090708)

(c) 2009 JPO & JAPIO

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	4257	SESSION? ?(3N)CONTROL?
S2	993	S1 AND (IDENTIFER? ? OR ID OR NUMBER? ?)
S3	276	S2 AND (CELLULAR OR CELL OR MOBILE OR PDA OR BLACKBERRY)
S4	23	S3 NOT AY>2000

? t4/3,k/all

4/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2009 Thomson Reuters. All rts. reserv.

0012753439 - Drawing available

WPI ACC NO: 2002-606607/200265

XRPX Acc No: N2002-480290

Telecommunication ~~session~~ control method involves releasing direct connection with adjacent network entity and routing incoming call to ~~number~~ designated by control message received from adjunct network entity

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCENT)

Inventor: BUNTING R L; BYRNE J; CALABRESE R T; SMITH H R

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6393289	B1	20020521	US 1998196484	A	19981119	200265 B

Priority Applications (no., kind, date): US 1998196484 A 19981119

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6393289	B1	EN	13	5		

Telecommunication ~~session~~ control method involves releasing direct connection with adjacent network entity and routing incoming call to ~~number~~ designated by control message received from adjunct network entity

Original Titles:

Apparatus, method and system for wireless telecommunication ~~session~~ control by an adjunct network entity.

Alerting Abstract ...NOVELTY - A switching center releases a direct

connection with the adjunct network entity and routes the incoming call to the **number** designated by the control message received from the adjunct network entity, when a specified performance instruction is included in the control message, the corresponding action...

...A wireless communication **session control system**;

A wireless communication **session control** apparatus.

...

...DESCRIPTION OF DRAWINGS - The figure shows a flowchart illustrating a telecommunication **session control** process.

Title Terms.../Index Terms/Additional Words: **NUMBER**;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

An apparatus, method and system are provided which, for a wireless telecommunication session handled by a **mobile** switching center, allow an adjunct network entity, such as an intelligent peripheral, a service node, a service control point, or another switching center, to maintain control over the telecommunication **session** and, in the preferred embodiment, provide intelligent network services. Such control is provided without the adjunct network entity monitoring or maintaining a direct connection the...

...or other circuit-based connection. In the various embodiments, the adjunct network entity maintains such control through the transmission of a control message to the **mobile** switching center, in which the control message includes various directives to the **mobile** switching center, such as a redirection directive, directing the switching center to route or reroute a call leg to specified digits; an announcement directive, directing...

Claims:

A method of telecommunication **session control** by an adjunct network entity, the method comprising:(a) receiving an incoming call leg at a switching center indicating an adjunct network service;(b) while maintaining at...

4/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.

0012481942 - Drawing available
WPI ACC NO: 2002-429036/200246
XRPX Acc No: N2002-337432
Communication protocol for connecting **mobile** terminal and node through internet, provides internet address relating to node and record **number** identifying internet **session**,to **mobile** controller
Patent Assignee: BROWN M K (BROW-I); WILLIAMS R H (WILL-I)
Inventor: BROWN M K; WILLIAMS R H
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
GB 2367968	A	20020417	GB 200014894	A	20000616	200246 B

Priority Applications (no., kind, date): GB 200014894 A 20000616

Patent Number	Kind	Lan	Pg	Dwg	Filing Notes
GB 2367968	A	EN	43	6	

Communication protocol for connecting mobile terminal and node through internet, provides internet address relating to node and record number identifying internet session, to mobile controller

Alerting Abstract ...NOVELTY - A mobile terminal and a specific node that form a portion of an internet session, are connected through a mobile controller(MC).The protocol provides an internet address relating to the node and a record number identifying the internet session, to the MC...USE - Communication protocol for connecting a mobile terminal to a node in internet protocol communication system(claimed...

...ADVANTAGE - Since the mobile terminals are accommodated in a connection oriented mode, a message exchange reporting to the mobile location service can take place over the internet, advantageously. Also maintains the internet system as the interconnection between the mobile terminal and the node is redirected to another mobile controller...

Title Terms.../Index Terms/Additional Words: MOBILE; ...

...NUMBER;

Original Publication Data by Authority

Argentina

4/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.

0012456373 - Drawing available
WPI ACC NO: 2002-402278/200243
XREF Acc No: N2002-315420
Collaborative browsing and communication method using Internet, involves providing representation of detected change in prescribed data value of document element as browser input
Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)
Inventor: ANUPAM V; GEHANI N H; KADAMBARI V
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
US 6360250 B1 20020319 US 1998221068 A 19981228 200243 B

Priority Applications (no., kind, date): US 1998221068 A 19981228

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6360250	B1	EN	14	5		

Alerting Abstract ...the surrogates, the collaborators are allowed to communicate interactively in text with one another in real-time in a synchronous manner. The accommodation of expanding number of collaborators is readily scaled without affecting the service quality.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Computer users may utilize different web browsers to access a server system on the World Wide Web (WWW) to create or join a collaborative browsing session. One or more controllers connect the users or collaborators in a session in the server system. This is realized by establishing a so-called "shared Web-top", i.e...

...at least one other collaborator, via a communication channel. To this end, a prospective user of the shared Web-top accesses a system that transmits mobile code to the user's computer to create a surrogate thereon. The surrogates created for the users of the shared Web-top are connected by at...

Claims:

4/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.

0012263955 - Drawing available
WPI ACC NO: 2002-204139/200226
Related WPI Acc No: 2000-586034; 2001-190577
XRPX Acc No: N2002-155187
Seamless roaming system for multiple LANs and WANs, comprises gateway controllers configured to maintain list of suspend sessions for seamless transitions between multiple mobile terminals
Patent Assignee: TELXON CORP (TELX-N)
Inventor: CIOTTI F D; SESHADRI K P; STURNIOLO E A
Patent Family (1 patents, 1 countries)
Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6201962	B1	20010313	US 1997856122	A	19970514	200226 B
			US 1997922709	A	19970903	
			US 1997957256	A	19971024	

Priority Applications (no., kind, date): US 1997856122 A 19970514; US 1997922709 A 19970903; US 1997957256 A 19971024

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6201962	B1	EN	38	17	C-I-P of application US 1997856122 C-I-P of application US 1997922709

Seamless roaming system for multiple LANs and WANs, comprises gateway controllers configured to maintain list of suspend sessions for seamless transitions between multiple mobile terminals

Alerting Abstract ...NOVELTY - The system (20) comprises a server connected to network backbone (NB) (26) for maintaining a list of suspended sessions and corresponding gateway controllers. The gateway controllers (40), which is coupled to the NB is responsible as an intermediary for communication between mobile terminals (36) and devices coupled to the NB through respective communication sessions. In the event of a mobile terminal (MT) wishing to terminate the session, the gateway maintains the session in its tables and buffer in memory any information which is related to...

DESCRIPTION - Each mobile terminal (36) has at least one data terminal, a telephone and a pager...

...within a system including a network backbone and a gateway controller. A gateway controller for use in a communication system including a network and a number of mobile terminals. A method of transferring a communication session between mobile terminals. A mobile terminal for use in a communication system including a network backbone and a gateway controller...

...USE - The system is suitable for mobile communication systems involving multiple LANs and WANs.

ADVANTAGE - Mobile terminals can pick up where the previous mobile terminal left off without completely terminating an initial session and restarting a new session. This results in a substantial savings in both time and effect regardless of the type of application...

...DESCRIPTION OF DRAWINGS - The drawing shows a block diagram of a wireless mobile communication system employing such system.

...
...36 Mobile terminals

Title Terms.../Index Terms/Additional Words: MOBILE;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...area networks (LANs). Each of the LANs includes: a network backbone; and at least one access point coupled to the network backbone which, when a mobile terminal is registered to the access point, enables the mobile terminal to communicate wirelessly with a device on the network backbone via the at least one access point. When the mobile terminal is registered to at least one access point in one of the plurality of LANs the mobile terminal is assigned a first network address, and

when the mobile terminal is registered to at least one access point in another of the plurality of LANs the mobile terminal is assigned a second network address in place of the first network address, the second network address being different from the first network address. The mobile communication system also includes a system backbone interconnecting the plurality of LANs for permitting communications between the plurality of LANs. Furthermore, the system includes a gateway controller, operatively coupled to one of the plurality of LANs, for serving as an intermediary for communications between the mobile terminal and a device on one of the system backbones in order that in the event the mobile terminal is assigned a different network address by virtue of registering with an access point in another of the LANs, the device is able to maintain communications with the mobile terminal without requiring knowledge of a change in the network address of the mobile terminal. In addition, the gateway controller permits sessions to be suspended temporarily and resumed using a different mobile terminal.

Claims:

A communication system, comprising: a network backbone; a gateway controller, operatively coupled to the network backbone, for serving as an intermediary for communications between mobile terminals and devices coupled to the network backbone through respective communication sessions; a first mobile terminal operative to establish a communication session with a device coupled to the network backbone through the gateway controller, the first mobile terminal being configured to request selectively that the gateway controller suspend the communication session, and the gateway controller being configured to carry out such request; and the gateway controller being further configured to accept a request from a second mobile terminal and to cause the suspended communication session to be resumed between the device and the second mobile terminal without requiring that the communication session be terminated from the perspective of the device and without the device being aware that the communication session has been suspended with the first mobile terminal and resumed with the second mobile terminal.

4/3,K/5 (Item 5 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2009 Thomson Reuters. All rts. reserv.

0010934143 - Drawing available
 WPI ACC NO: 2001-556373/200162
 XRPX Acc No: N2001-413353

Non-disruptive method for wire/wireless telephone network, involves establishing additional voice call on same time used for data session between data service provider and user simultaneously

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: BUSKIRK M C

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6188688	BI	20010213	US 1997853231	A	19970521	200162 B

Priority Applications (no., kind, date): US 1997853231 A 19970521

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6188688	B1	EN	13	6		

Alerting Abstract ...The central office switch (403) is directed by computed telephony interface (CTI) (405) to connect the voice coil on a voice channel on another telephone number on the same line used for working with the data service provider (413), in response to outgoing voice call request received from user session. The...
 USE - For wire/wireless telephone network e.g. cellular phone, analog or digital phone lines for operating two or more calls simultaneously...

Original Publication Data by Authority

Argentina

Assignee name & address:

Claims:

...central office switch, responsive to said first request for instructions, instructing said central office switch to redirect said first dial request to a first telephone number representing a first free port on said mux/demux device; and redirecting, by said central office switch, said first dial request to said first telephone number, thereby establishing a first connection between said user workstation and said mux/demux device; establishing said existing data session between said user workstation and said data service provider over said telephone line using said data channel; establishing...

...said user workstation to said mux/demux device on said control channel, said second dial request requesting said outgoing voice call to an external telephone number; forwarding said second dial request from said mux/demux device to said CTI; and completing said requested outgoing voice call, further comprising the steps of: sending a message from said CTI to said central office switch, instructing said central office switch to connect said second dial request from one of a second telephone number or a port identifier representing a second free port on said mux/demux device to said external telephone number; connecting, by said central office switch, said second dial request to said second telephone number or said port identifier; and dialing, by said central office switch, said external telephone number; communicating on said outgoing voice channel while said existing data session on said data channel continues to simultaneously operate and transmit data; demultiplexing, in said user workstation, information received at said user workstation on said data channel, said voice channel, and said control channel; multiplexing, in said user workstation, information to be transmitted from said user workstation on said data channel, said voice channel, and said control channel; demultiplexing, in...

4/3,K/6 (Item 6 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2009 Thomson Reuters. All rts. reserv.

0010716043 - Drawing available
 WPI ACC NO: 2001-326908/200134
 XRPX Acc No: N2001-235010

Scheduler for server for serving asynchronous transfer mode cells, has controller which places session having desired rate into rate bin with highest base rate that is less than or equal to desired rate of session

Patent Assignee: FORE SYSTEMS INC (FORE-N)

Inventor: BENNETT J C R; STEPHENS D C

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6208652	B1	20010327	US 1997874608	A	19970613	200134 B

Priority Applications (no., kind, date): US 1997874608 A 19970613

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6208652	B1	EN	13	9		

Scheduler for server for serving asynchronous transfer mode cells, has controller which places session having desired rate into rate bin with highest base rate that is less than or equal to desired rate of session

Alerting Abstract ...ATM cell transmission system; Service providing method...

Title Terms.../Index Terms/Additional Words: CELL;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...a server for serving ATM cells. The scheduler includes R rate bins where R is greater than or equal to 2. The scheduler includes a controller which places a session having a desired rate into a rate bin of the R rate bins. A system for transmitting ATM cells. The system includes an ATM network...

...to 2. The scheduler schedules service by the server among the R different rate bins, with precision P, where P is an integer and the number of bits assigned for precision. The scheduler is connected to the server. A method for providing service by a server to sessions. Claims:

...and each successive rate bin of the R rate bins has a base rate of half the base rate of the previous bin; and a controller which places a session having a desired rate into a rate bin of the R rate bins with the highest base rate that is closest to being less than or equal to the desired rate...

4/3,K/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010692445 - Drawing available

WPI ACC NO: 2001-302338/200132

XRPX Acc No: N2001-220981

Session management between a server and mobile units, allowing
mobile terminal to access Internet, optimizes loading by reducing
number of threads needed to provide sessions

Patent Assignee: NOKIA CORP (OYNO); NOKIA OYJ (OYNO)

Inventor: CASAIS E; TOTH M

Patent Family (7 patents, 92 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
FI 199901451	A	20001225	FI 19991451	A	19990624	200132	B
WO 2001001244	A1	20010104	WO 2000FI572	A	20000622	200133	ETAB
AU 200058293	A	20010131	AU 200058293	A	20000622	200133	E
FI 107422	B1	20010731	FI 19991451	A	19990624	200146	E
EP 1196845	A1	20020417	EP 2000944057	A	20000622	200233	E
			WO 2000FI572	A	20000622		
EP 1196845	B1	20030212	EP 2000944057	A	20000622	200313	E
			WO 2000FI572	A	20000622		
DE 60001420	E	20030320	DE 60001420	A	20000622	200327	E
			EP 2000944057	A	20000622		
			WO 2000FI572	A	20000622		

Priority Applications (no., kind, date): FI 19991451 A 19990624

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
FI 199901451	A	FI		4	
AU 200058293	A	EN			Based on OPI patent WO 2001001244
WO 2001001244	A1	EN	26	4	
National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW					
FI 107422	B1	FI			Previously issued patent FI 9901451
EP 1196845	A1	EN			PCT Application WO 2000FI572 Based on OPI patent WO 2001001244
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
EP 1196845	B1	EN			PCT Application WO 2000FI572 Based on OPI patent WO 2001001244
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
DE 60001420	E	DE			Application EP 2000944057 PCT Application WO 2000FI572 Based on OPI patent EP 1196845 Based on OPI patent WO 2001001244

Session management between a server and mobile units, allowing
mobile terminal to access Internet, optimizes loading by reducing
number of threads needed to provide sessions

Alerting Abstract ...groups (72) with threads (74) in an application
program (62) to handle particular groups, while an acceptor thread (76)

receives a notification message or function control and assigns unassigned sessions to a particular thread. Each group has a queue (80) for events arising in the group, which is accessible by the thread to deal with...

...USE - Management of sessions between a server and mobile terminals
...

...ADVANTAGE - Optimizing loading by reducing number of needed threads...

Title Terms.../Index Terms/Additional Words: MOBILE; ...

...NUMBER;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A method of managing sessions (68, 70) between a plurality of mobile terminals and a server having a plurality of threads (74, 76) comprises grouping the sessions (70) into a plurality of groups (72) and assigning a server thread (74) to...

...A method of managing sessions (68, 70) between a plurality of mobile terminals and a server having a plurality of threads (74, 76) comprises grouping the sessions (70) into a plurality of groups (72) and assigning a server thread (74) to each group of sessions. The...
Claims:

4/3,K/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010000387 - Drawing available

WPI ACC NO: 2000-304083/200027

XPFX Acc No: N2000-227216

Wireless dictation device for providing mobile dictation service linked to centralized core, transmits dictation data to base station which passes it onto a central station over exclusive radio channel

Patent Assignee: DYNAMIC VOICE LLC (DYNA-N); FORD R (FORD-I); GAINES J D

(GAIN-I); HOWELL D S (HOWE-I); LATSON D E (LATS-I); NELSON J R

(NELS-I); PARKS F B (PARK-I); ROSS R W (ROSS-I)

Inventor: FORD R; GAINES J D; HOWELL D S; LATSON D E; NELSON J R; PARKS F B
; ROSS R W

Patent Family (2 patents, 2 countries)

Patent

Application

Patent Number	Kind	Date	Number	Kind	Date	Update
CA 2244046	A	19990129	CA 2244046	A	19980728	200027 B
US 6215992	B1	20010410	US 1997902589	A	19970729	200122 E

Priority Applications (no., kind, date): US 1997902589 A 19970729

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
CA 2244046	A	EN	74	74		

Wireless dictation device for providing mobile dictation service linked to centralized core, transmits dictation data to base station which passes it onto a central station over exclusive radio channel

Alerting Abstract ...USE - For providing a mobile dictation service linked to a centralized core...

Title Terms.../Index Terms/Additional Words: MOBILE;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...systems ("CDSs"). Each base station is uniquely assigned a single channel pair. The WDDs are programmed with code representing the exclusive channels of a select number of base stations. When a user takes a WDD off-hook, a WDD sequentially and cyclically scans for carrier transmitted by authorized base stations until...

Claims:

...a base station to couple a CDS at the transmitted dialing address to the WDD through a base station and for generating CDS commands for controlling a dictation session conducted with a CDS, a microphone coupled to the transmitter for capturing dictated speech as electrical signals for transmission to a CDS through a base station, a speaker coupled to the receiver for...

4/3,K/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009808776 - Drawing available

WPI ACC NO: 2000-098739/200009

XRFX Acc No: N2000-076144

Mobile radio system e.g. mobile telephone system

Patent Assignee: DEUT GIDD GMBH (DEGI-N); GIESECKE & DEVRIENT GMBH (GIES-N)

Inventor: PAPADOPOULOS N; VEDDER K

Patent Family (12 patents, 81 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
DE 19828735	A1	19991230	DE 19828735	A	19980629	200009 B
WO 2000001179	A1	20000106	WO 1999EP3107	A	19990506	200009 E
AU 199940379	A	20000117	AU 199940379	A	19990506	200026 E
EP 1033048	A1	20000906	EP 1999923542	A	19990506	200044 E
			WO 1999EP3107	A	19990506	
ZA 200000830	A	20001227	ZA 2000830	A	20000221	200103 E
CN 1273750	A	20001115	CN 1999801057	A	19990506	200115 E
JP 2002519965	W	20020702	WO 1999EP3107	A	19990506	200246 E
			JP 2000557641	A	19990506	
AU 755812	B	20021219	AU 199940379	A	19990506	200312 E

US 6978156	B1	20051220	WO 1999EP3107	A	19990306	200601	E
			US 2000485679	A	20000619		
EP 1033048	B1	20080402	EP 1999923542	A	19990506	200825	E
			WO 1999EP3107	A	19990506		
CN 100356806	C	20071219	CN 1999801057	A	19990506	200832	E
DE 59914715	G	20080515	DE 59914715	A	19990506	200833	E
			EP 1999923542	A	19990506		
			WO 1999EP3107	A	19990506		

Priority Applications (no., kind, date): DE 19828735 A 19980629

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
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DE 19828735	A1	DE	8	5	
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WO 2000001179	A1	DE			
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National Designated States, Original: AE AL AM AT AU AZ BA BB BG BR BY CA
CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT
UA UG US UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW NL OA	PT	SD	SE	SL	SZ	UG	ZW
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AU 199940379	A	EN			Based on OPI patent	WO 2000001179
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EP 1033048	A1	DE			PCT Application	WO 1999EP3107
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					Based on OPI patent	WO 2000001179
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Regional Designated States, Original: AT BE CH CY DE DK ES FI FR GB GR IE

IT LI LU MC NL PT SE						
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ZA 200000830	A	EN	26			
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JP 2002519965	W	JA	17			
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					PCT Application	WO 1999EP3107
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					Based on OPI patent	WO 2000001179
--	--	--	--	--	---------------------	---------------

AU 755812	B	EN			Previously issued patent	AU 9940379
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					Based on OPI patent	WO 2000001179
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US 6978156	B1	EN			PCT Application	WO 1999EP3107
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					Based on OPI patent	WO 2000001179
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EP 1033048	B1	DE			PCT Application	WO 1999EP3107
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					Based on OPI patent	WO 2000001179
--	--	--	--	--	---------------------	---------------

Regional Designated States, Original: AT BE CH CY DE DK ES FI FR GB GR IE

IT LI LU MC NL PT SE						
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DE 59914715	G	DE				
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					Application	EP 1999923542
--	--	--	--	--	-------------	---------------

					PCT Application	WO 1999EP3107
--	--	--	--	--	-----------------	---------------

					Based on OPI patent	EP 1033048
--	--	--	--	--	---------------------	------------

					Based on OPI patent	WO 2000001179
--	--	--	--	--	---------------------	---------------

Mobile radio system e.g. mobile telephone system

Original Titles:

...MOBILE RADIO TELEPHONE SYSTEM HAVING AN IDENTITY WHICH CAN BE
DYNAMICALLY CHANGED...

...SYSTEME RADIO MOBILE A IDENTITE MODIFIABLE DE MANIERE DYNAMIQUE...

...Mobile radio telephone system having a mobile station
identity which can be dynamically changed...

...Systeme radio mobile a identite d'une station mobile
modifiable de maniere dynamique...

...Mobile radio telephone system having an identity which can be dynamically changed...

...MOBILE RADIO TELEPHONE SYSTEM HAVING AN IDENTITY WHICH CAN BE DYNAMICALLY CHANGED...

...SYSTEME RADIO MOBILE A IDENTITE MODIFIABLE DE MANIERE DYNAMIQUE

Alerting Abstract ...NOVELTY - The mobile radio system has a number of mobile subscriber devices (ME) communicating with a mobile radio center (MZ), the subscriber identification module (SIM) within each mobile subscriber device containing a calculation rule, for providing at least one further identity (IMSIw) from the stored International mobile subscriber identity...an operating method for a mobile subscriber device in a mobile radio system; a subscriber identification module for a mobile subscriber device in a mobile radio system...

...USE - The mobile radio system is used for a GSM mobile telephone system for allowing business and personal use of a mobile telephone...

...ADVANTAGE - The mobile radio system allows the subscriber devices to be used for both business and personal use with separate billing...

...DESCRIPTION OF DRAWINGS - The figure shows a basic principle of a mobile radio system...

...ME Mobile subscriber devices...

...MZ Mobile radio center...

Title Terms/Index Terms/Additional Words: MOBILE;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The invention relates to a mobile radio telephone system comprising a plurality of mobile terminals (ME) which are connected to a mobile radio telephone center (MZ) for session control and optionally for establishing billing. The mobile terminals (ME) are controlled by a subscriber identity module (SIM) in which data for assigning at least one user is stored, whereby an identity (IMSI) is assigned to the subscriber identity module (SIM). A known subscriber identity module which is provided for using a mobile radio telephone unit for different purposes, e.g. for private and business purposes, and which contains at least two identities that are stored in a...

...calculate at least one other identity (IMSIw) from the stored identity (IMSI), whereby the identities generated by the calculation instruction are correspondingly assigned in the mobile radio telephone center (MZ...

...The invention relates to a mobile radio system having a plurality

of mobile terminals (ME) connected with a mobile switching center (MZ) via an air interface for communication control and optionally for billing. The mobile terminals (ME) are controlled by a subscriber identity module (SIM) in which data for associating at least one user are stored, the subscriber identity module (SIM) having an identity (IMSI) associated therewith. For utilizing a mobile radio device for different purposes, such as private and business, a subscriber identity module is known which contains at least two permanently stored identities and...

...for calculating from the stored identity (IMSI) at least one further identity (IMSIw), the identities generated by the calculation rule being associated accordingly in the mobile switching center (MZ)...

...The invention relates to a mobile radio telephone system comprising a plurality of mobile terminals (ME) which are connected to a mobile radio telephone center (MZ) for session control and optionally for establishing billing. The mobile terminals (ME) are controlled by a subscriber identity module (SIM) in which data for assigning at least one user is stored, whereby an identity (IMSI) is assigned to the subscriber identity module (SIM). A known subscriber identity module which is provided for using a mobile radio telephone unit for different purposes, e.g. for private and business purposes, and which contains at least two identities that are stored in a ...

...calculate at least one other identity (IMSIw) from the stored identity (IMSI), whereby the identities generated by the calculation instruction are correspondingly assigned in the mobile radio telephone center (MZ)...

...L'invention concerne un systeme radio mobile comportant une pluralite de terminaux mobiles (ME) relies par l'intermediaire d'une interface radio a un central mobile (MZ), afin de piloter les communications et eventuellement pour etablir la facturation. Les terminaux mobiles (ME) sont pilotes par un module d'identification d'abonnes...

...allouer d'au moins un utilisateur sont memorisees, une identite (IMSI) etant allouee au module d'identification d'abonnes (SIM). Afin que l'appareil radio mobile puisse s'utiliser a differentes fins, que ce soit par ex. dans la sphere privree ou au travail, on connait un module d'identification d'une autre identite (IMSIw) de l'identite memorisee (IMSI), les identites resultant de ce protocole de calcul etant allouees en consequence dans le central radio mobile (MZ).

Claims:

...A mobile communication system having a plurality of mobile terminals (ME) connected with a mobile switching center (MZ) via an over-the-air interface for communication control and optionally for billing, the mobile terminals (ME) being controlled by a subscriber identity module (SIM) in which data for associating at least one user are stored, the subscriber identity module...

...for calculating from the stored identity (IMSI) at least one further identity (IMSIw), the identities generated by the calculation rule being associated accordingly in the mobile switching center (MZ)...

...Systeme de radiotelephonie mobile comprenant une pluralite de

terminaux (ME) mobiles, lesquels sont relies par une interface radio a un central de radiotelephonie mobile (MZ) pour la commande de communication et le cas echeant pour la facturation, les terminaux (ME) mobiles etant commandes par un module d'identification d... .

...a partir de l'identite (IMSI) memorisee, les identites generees par la specification de calcul etant attribuees de facon correspondante dans le central de radiotelephonie mobile (MZ... .

...1. A mobile radio system having a plurality of mobile terminals (ME) connected with a mobile switching center (MZ) via an air interface for communication control and optionally for billing, the mobile terminals (ME) being controlled by a subscriber identity module (SIM) in which data for associating at least one user are stored, the subscriber identity module (SIM) having an initial international mobile subscriber identity (IMSI) associated therewith, wherein the subscriber identity module (SIM) contains a calculation rule for calculating and generating from the stored identity (IMSI) at least one new, additional international mobile subscriber identity (IMSIw), the at least one new identity created by the calculation rule being associated accordingly in the mobile switching center (MZ).

4/3,K/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009799717 - Drawing available
WPI ACC NO: 2000-089033/200008
XRPX Acc No: N2000-070067

Controlling the start of alerting of a multiple leg telecommunications session e.g. wireless communications and wireline communications
Patent Assignee: LUCENT TECHNOLOGIES INC (LUCENT)
Inventor: BAIYOR R J; EARL D T; SMITH H R; STROM T D
Patent Family (4 patents, 27 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 966143	A2	19991222	EP 1999304437	A	19990608	200008 B
US 6009159	A	19991228	US 199894837	A	19980615	200008 E
JP 2000069173	A	20000303	JP 1999168857	A	19990615	200023 E
JP 3836996	B2	20061025	JP 1999168857	A	19990615	200670 E

Priority Applications (no., kind, date): US 199894837 A 19980615

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 966143	A2	EN	18	6	

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

JP 2000069173	A	JA	18		
JP 3836996	B2	JA	24		Previously issued patent JP 2000069173

Alerting Abstract ...receiving an incoming call leg designating a primary directory number; determining several secondary directory numbers associated with the primary directory numbers; for each

secondary number, determining a corresponding timing delay parameter; and differentially processing and routing each outgoing call leg associated with each secondary directory number, according to its corresponding timing delay parameter. ...USE - For controlling the start of alerting of a multiple leg telecommunications session e.g. wireless communications and wireline communications...

Technology Focus

TECHNOLOGY FOCUS - Is compatible with ANSI-41 specification for wireless communications e.g. cellular communications.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...as for providing concurrent alerting of outgoing call legs for a flexible alerting service. The preferred system includes a home location register coupled to a mobile switching center. The home location register has, stored in a memory, a plurality of secondary directory numbers associated with a primary directory number, such as an ANSI compatible pilot directory number, and for each secondary directory number of the plurality of secondary directory numbers, further stored in the memory a corresponding timing delay parameter. The mobile switching center has an interface for receiving an incoming call leg designating the primary directory number and for differentially processing and routing each outgoing call leg associated with each secondary directory number, of the plurality of secondary directory numbers, according to its corresponding timing delay parameter...

...A system, apparatus and method are provided for controlling the start of alerting of multiple leg telecommunication sessions, such as for providing concurrent alerting of outgoing call legs for a flexible alerting service. The preferred system includes a home location register coupled to a mobile switching center. The home location register has, stored in a memory, a plurality of secondary directory numbers associated with a primary directory number, such as an ANSI compatible pilot directory number, and for each secondary directory number of the plurality of secondary directory numbers, further stored in the memory a corresponding timing delay parameter. The mobile switching center has an interface for receiving an incoming call leg designating the primary directory number and for differentially processing and routing each outgoing call leg associated with each secondary directory number, of the plurality of secondary directory numbers, according to its corresponding timing delay parameter.

Claims:

...method for controlling a start of alerting of multiple leg telecommunication sessions, the method comprising: (a) receiving an incoming call leg designating a primary directory number; (b) determining a plurality of secondary directory numbers associated with the primary directory number; (c) for each secondary directory number of the plurality of secondary directory

numbers, determining a corresponding timing delay parameter;
 and</br> (d) differentially processing and routing each outgoing
 call leg associated with each secondary directory number, of the
 plurality of secondary directory numbers, according to its
 corresponding timing delay parameter.

...

...switch to control a start of alerting of multiple leg telecommunication
 sessions, the method comprising: (a) receiving an incoming call leg
 designating a primary directory number; (b) determining a plurality of
 secondary directory numbers associated with the primary directory
 number; (c) for each secondary directory number of the
 plurality of secondary directory numbers, determining a
 corresponding timing delay parameter; and (d) differentially
 processing and routing each outgoing call leg associated with each
 secondary directory number, of the plurality of secondary
 directory numbers, according to its corresponding timing delay
 parameter.

4/3,K/11 (Item 11 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0009799716 - Drawing available
 WPI ACC NO: 2000-089032/200008
 XRPX Acc No: N2000-070066
 Secondary treatment of multiple leg telecommunication sessions
 controlling method

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCI)
 Inventor: BAIYOR R J; EARL D T; SMITH H R; STROM T D
 Patent Family (6 patents, 26 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 966142	A2	19991222	EP 1999304436	A	19990608	200008 B
US 6005930	A	19991221	US 199897334	A	19980615	200008 E
JP 2000069174	A	20000303	JP 1999168858	A	19990615	200023 E
EP 966142	B1	20030416	EP 1999304436	A	19990608	200328 E
DE 69906881	E	20030522	DE 69906881	A	19990608	200341 E
			EP 1999304436	A	19990608	
JP 3636283	B2	20050406	JP 1999168858	A	19990615	200524 E

Priority Applications (no., kind, date): US 199897334 A 19980615; EP
 1999304436 A 19990608

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 966142	A2	EN	16	5		
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI						
JP 2000069174	A	JA	16			
EP 966142	B1	EN				
Regional Designated States, Original: DE FR GB						
DE 69906881	E	DE			Application	EP 1999304436
					Based on OPI patent	EP 966142
JP 3636283	B2	JA	21		Previously issued patent	JP 2000069174

Secondary treatment of multiple leg telecommunication sessions
controlling method

Alerting Abstract ...NOVELTY - The method involves receiving an incoming call leg designating a primary directory number. A determination is made for several secondary directory numbers associated with the primary directory number. For each secondary directory number of the number of secondary directory numbers, a determination is made for a corresponding originating no answer time parameter. Each outgoing call leg associated with each secondary directory number is processed and routed. Secondary treatment of each outgoing call leg is provided in accordance with its corresponding originating no answer time parameter....USE - For secondary treatment of multiple leg telecommunication sessions controlling method...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A system, apparatus and method are provided for controlling secondary treatment of multiple leg telecommunication sessions, such as for providing secondary treatment of outgoing call legs for a flexible alerting service, by an originating switch rather than a distant or terminating switch. The preferred system includes a home location register coupled to a mobile switching center. The home location register has, stored in a memory, a plurality of secondary directory numbers associated with a primary directory number, such as an ANSI compatible pilot directory number, and for each secondary directory number of the plurality of secondary directory numbers, further stored in the memory a corresponding originating no answer time parameter. The mobile switching center has an interface for receiving an incoming call leg designating the primary directory number and for differentially processing and routing each outgoing call leg associated with each secondary directory number, and the mobile switching center further providing secondary treatment of each outgoing call leg in accordance with its corresponding originating no answer time parameter. In the preferred embodiment, each corresponding originating no...

...A system, apparatus and method are provided for controlling secondary treatment of multiple leg telecommunication sessions, such as for providing secondary treatment of outgoing call legs for a flexible alerting service, by an originating switch rather than a distant or terminating switch. The preferred system includes a home location register coupled to a mobile switching center. The home location register has, stored in a memory, a plurality of secondary directory numbers associated with a primary directory number, such as an ANSI compatible pilot directory number, and for each secondary directory number of the plurality of secondary directory numbers, further stored in the memory a corresponding originating no answer time parameter. The mobile switching center has an interface for receiving an incoming call leg

designating the primary directory number and for differentially processing and routing each outgoing call leg associated with each secondary directory number, and the mobile switching center further providing secondary treatment of each outgoing call leg in accordance with its corresponding originating no answer time parameter. In the preferred embodiment, each corresponding originating no answer time parameter, for each...

Claims:

1. A method for controlling secondary treatment of multiple leg telecommunication sessions, the method comprising:
(a) receiving an incoming call leg designating a primary directory number;
(b) determining a plurality of secondary directory numbers associated with the primary directory number;
(c) for each secondary directory number of the plurality of secondary directory numbers, determining a corresponding originating no answer time parameter;
(d) processing and routing each outgoing call leg associated with each secondary directory number; and
(e) providing secondary treatment of each outgoing call leg in accordance with its corresponding originating no answer time parameter...

...sessions directed to terminating switches, the method comprising:
(a) receiving an incoming call leg at the originating outgoing call leg switch designating a primary directory number (505);
(b) determining a plurality of secondary directory numbers associated with the primary directory number (510);
(c) determining a corresponding originating no answer time parameter for each secondary directory number of the plurality of secondary directory numbers (515, 520); and
(d) processing and routing an outgoing call leg associated with each secondary directory number, to form a plurality of outgoing call legs (525);
CHARACTERIZED IN THAT: step (c) comprises determining a corresponding originating no answer time parameter to be utilized by the originating outgoing call leg switch, wherein each corresponding originating no answer time parameter utilized by the originating outgoing call leg switch is less than a corresponding terminating no answer time parameter used by a corresponding terminating switch; and
in that said method includes...outgoing call leg switch to control secondary treatment of multiple leg telecommunication sessions, the method comprising:
(a) receiving an incoming call leg designating a primary directory number;
(b) determining a plurality of secondary directory numbers associated with the primary directory number;
(c) for each secondary directory number of the plurality of secondary directory numbers, determining a corresponding originating no answer time parameter;
(d) processing and routing each outgoing call leg associated with each secondary directory number; and
(e) providing secondary treatment of each outgoing call leg in accordance with its corresponding originating no answer time parameter.

4/3,K/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009656548 - Drawing available
WPI ACC NO: 1999-609375/199952
XRPX Acc No: N1999-448825
Asynchronous transfer mode session establishment method for

telecommunication towers

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BENAYOUN A; FIESCHI J; LE PENNEC J; MICHEL P

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5959992	A	19990928	US 1996771568	A	19961220	199952 B

Priority Applications (no., kind, date): EP 1995480194 A 19951220

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5959992	A	EN	39	21	

Alerting Abstract ...in response to a new ATM request. Using the assigned session parameters (VP/VC), a counting process is run for automatic transmission and signaling ATM cell for checking the ATM session....

ADVANTAGE - The profit of a telecommunication network product is increased by the reduced number of parts. Offers an improved global system with less operation cost, high reliability, single product management, expandability, high performance and security. Prevents wrong plugging of...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...neighboring apparatuses. The communication is based on a frame comprising n bytes routing header with n being an integer and an Asynchronous Transfer Mode (ATM) cell.

Claims:

...frames with said neighboring apparatuses, each frame comprising n bytes routing header with n being an integer and an Asynchronous Transfer Mode (A.T.M.) cell; said processing involving the steps of: establishing ATM sessions for each communication between a first and second apparatuses of said structure whereby said first apparatus can access the telecommunication functions located into said second apparatus; said ATM sessions being established under control of one particular apparatus of the structure being devoted to the role of Tower Manager assigning sessions parameters (VP/VC) to any new request of ATM sessions.

4/3,K/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009145671 - Drawing available

WPI ACC NO: 1999-067197/199906

XRFX Acc No: N1999-050455

Session management system for datagram communication in internet - determines identifier assigned to data forwarding path so as to judge existence of specific report in user's terminal

Patent Assignee: NEC CORP (NIDE)

Inventor: MASUDA M; NISHIHARA M; OGAWA A; OGAWA M

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 10313316	A	19981124	JP 1997121072	A	19970512	199906 B
US 6314098	B1	20011106	US 199875843	A	19980512	200170 E

Priority Applications (no., kind, date): JP 1997121072 A 19970512

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 10313316	A	JA	17	11		

Alerting Abstract ...unit (3) and a connection management unit (22). The terminal apparatus performs allocation of received intermediate frame with an IPv-4 packet in each ATM cell. A connection-less (CL) network is formed by connecting the terminal apparatus along with several central apparatus virtually. The data packet is forwarded using a...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...network. Each of the edge units has a session supervising section for determining whether the IP4 packet is a QoS session or a No-QoS session, to allocate a control flow number to the IP4 packet when the IP4 packet is a QoS session.

Claims:

...session supervising means for determining whether said IP4 packet is a QoS session or a No-QoS session, and means for allocating a control flow number to said IP4packet when said IP4 packet is a QoS session.>

4/3,K/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009064442 - Drawing available

WPI ACC NO: 1998-251555/199822

XRFX Acc No: N1998-198583

Cipher protected information communication method between two transceiver stations - using buffer memory for storing deciphering bits output from duplex ciphering algorithm when ciphering bits are generated, in which these bits are used to decipher subsequently received traffic information block

Patent Assignee: ERICSSON GE MOBILE COMMUNICATIONS INC (TELF); ERICSSON INC (TELF)

Inventor: DENT P W

Patent Family (17 patents, 78 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1998017028	A1	19980423	WO 1997US16351	A	19970919	199822 B
AU 199744173	A	19980511	AU 199744173	A	19970919	199837 E
US 5825889	A	19981020	US 1996731465	A	19961015	199849 E

EP 943195	A1	19990922	EP 1997942486	A	19970919	199943	E
			WO 1997US16351	A	19970919		
BR 199712309	A	19990831	BR 199712309	A	19970919	200002	E
			WO 1997US16351	A	19970919		
CN 1240547	A	20000105	CN 1997180652	A	19970919	200021	E
TW 384590	A	20000311	TW 1997114419	A	19971003	200052	E
MX 199903426	A1	19990801	MX 19993426	A	19990413	200063	E
JP 2001502495	W	20010220	WO 1997US16351	A	19970919	200114	E
			JP 1998518347	A	19970919		
EP 1089487	A2	20010404	EP 1997942486	A	19970919	200120	E
			EP 2000127928	A	19970919		
EP 1089489	A2	20010404	EP 1997942486	A	19970919	200120	E
			EP 2000127927	A	19970919		
EP 943195	B1	20021127	EP 1997942486	A	19970919	200279	E
			WO 1997US16351	A	19970919		
			EP 2000127927	A	19970919		
			EP 2000127928	A	19970919		
DE 69717489	E	20030109	DE 69717489	A	19970919	200312	E
			EP 1997942486	A	19970919		
			WO 1997US16351	A	19970919		
ES 2187819	T3	20030616	EP 1997942486	A	19970919	200345	E
MX 207357	B	20020401	WO 1997US16351	A	19970919	200363	E
			MX 19993426	A	19990413		
CN 1437330	A	20030820	CN 1997180652	A	19970919	200374	E
			CN 2002152440	A	19970919		
CN 1203629	C	20050525	CN 2002152440	A	19970919	200641	E

Priority Applications (no., kind, date): US 1996731465 A 19961015; WO 1997US16351 A 19970919

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1998017028	A1	EN	45	12		
National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH						
CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR						
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM						
TR TT UA UG UZ VN YU ZW						
Regional Designated States, Original: AT BE CH DE DK EA ES FI FR GB GH GR						
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW						
AU 199744173	A	EN			Based on OPI patent	WO 1998017028
EP 943195	A1	EN			PCT Application	WO 1997US16351
					Based on OPI patent	WO 1998017028
Regional Designated States, Original: DE ES GB SE						
BR 199712309	A	PT			PCT Application	WO 1997US16351
					Based on OPI patent	WO 1998017028
TW 384590	A	ZH				
JP 2001502495	W	JA	44		PCT Application	WO 1997US16351
					Based on OPI patent	WO 1998017028
EP 1089487	A2	EN			Division of application	EP 1997942486
					Division of patent	EP 943195
Regional Designated States, Original: DE ES GB SE						
EP 1089489	A2	EN			Division of application	EP 1997942486
					Division of patent	EP 943195
Regional Designated States, Original: DE ES GB SE						

EP 943195	B1	EN	PCT Application WO 1997US16351 Related to application EP 2000127927 Related to application EP 2000127928 Related to patent EP 1089487 Related to patent EP 1089489 Based on OPI patent WO 1998017028
Regional Designated States, Original:			DE ES GB SE
DE 69717489	E	DE	Application EP 1997942486 PCT Application WO 1997US16351 Based on OPI patent EP 943195 Based on OPI patent WO 1998017028
ES 2187819	T3	ES	Application EP 1997942486 Based on OPI patent EP 943195
MX 207357	B	ES	PCT Application WO 1997US16351
CN 1437330	A	ZH	Division of application CN 1997180652

Alerting Abstract ...USE - For ciphering traffic exchanged in both directions between satellite and cellular telephone and ground station network using orbital satellite in which loop propagation delay is much longer than cypher block period...

...ADVANTAGE - Can establish common key between first and second mobile which do not have a key or any secret information in common.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

An apparatus and method for ciphering traffic exchanged in both directions between a satellite/cellular telephone and a ground station network using an orbital satellite. A buffer memory is provided at either the mobile telephone station or the ground network station or both. The buffer memory is used to store the deciphering bits output from a duplex ciphering algorithm at the time the...

...be-received traffic information block. The delay in using stored deciphering bits is determined for each call at call set-up to the nearest integer number of block periods by measuring the loop propagation delay from the ground station to the mobile telephone station during an exchange of signals at call set-up...

...An apparatus and method for ciphering traffic exchanged in both directions between a satellite/cellular telephone and a ground station network using an orbital satellite. A buffer memory is provided at either the mobile telephone station or the ground network station or both. The buffer memory is used to store the deciphering bits output from a duplex ciphering algorithm at the time the ciphering bits are generated. The...

...be-received traffic information block. The delay in using stored deciphering bits is determined for each call at call set-up to the nearest integer number of block periods by measuring the loop propagation delay from the ground station to the mobile telephone station

during an exchange of signals at call set-up...

...An apparatus and method for ciphering traffic exchanged in both directions between a satellite/cellular telephone and a ground station network using an orbital satellite. A buffer memory is provided at either the mobile telephone station or the ground network station or both. The buffer memory is used to store the deciphering bits output from a duplex ciphering algorithm at the time the ciphering bits are generated. The stored ciphering bits are used...

...be-received traffic information block. The delay in using stored deciphering bits is determined for each call at call set-up to the nearest integer number of block periods by measuring the loop propagation delay from the ground station to the mobile telephone station during an exchange of signals at call set-up.

...

...An apparatus and method for ciphering traffic exchanged in both directions between a satellite/cellular telephone and a ground station network using an orbital satellite. A buffer memory is provided at either the mobile telephone station or the ground network station or both. The buffer memory is used to store the deciphering bits output from a duplex ciphering algorithm at the time the ciphering bits are generated. The stored ciphering bits are used to decipher a later-to-be-received traffic information block. The delay in using stored deciphering bits is determined for each call at call set-up to the nearest integer number of block periods by measuring the loop propagation delay from the ground station to the mobile telephone station during an exchange of signals at call set-up.

...

...An apparatus and method for ciphering traffic exchanged in both directions between a satellite/cellular telephone and a ground station network using an orbital satellite. A buffer memory is provided at either the mobile telephone station or the ground network station or both. The buffer memory is used to store the deciphering bits output from a duplex ciphering algorithm at the time the ciphering bits are generated. The stored ciphering bits are used to decipher a later-to-be-received traffic information block. The delay in using stored deciphering bits is determined for each call at call set-up to the nearest integer number of block periods by measuring the loop propagation delay from the ground station to the mobile telephone station during an exchange of signals at call set-up.

Claims:

...station and separately between said network of control stations and said second station;communicating a channel assignment including a session key from said network of control stations to said first station and separately to said second station;using said channel assignment to communicate between said first and second stations to exchange...receiver station and a second transmitter-receiver station using a network of control stations, comprising the steps of:establishing enciphered communication between said network of control stations and said first station and separately between said network of control stations and said second station;communicating a session key from said network of control stations to...

...said second station and commanding said first station and said second station to begin communicating with each other by enciphering and deciphering signals using said session key and said direct propagation delay value.

4/3,K/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008025287 - Drawing available

WPI ACC NO: 1997-118688/199711

Related WPI Acc No: 1998-086416; 1998-271555; 1998-506256; 1998-609771;
1999-142360; 1999-633478; 2001-624128; 2002-370429; 2002-402089;
2002-696831

XRPX Acc No: N1997-097831

Single chip IC system architecture for communication control in client/server system e.g. HDTV, multimedia system - has packet processor for producing signals, frames, packets, cells, and/or macroblocks for document communication also interprets and controls document communication in accordance with one of number of layered functions

Patent Assignee: SHAW S M (SHAW-I); SHAW V M (SHAW-I)

Inventor: SHAW S M; SHAW V M

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5600844	A	19970204	US 1991763451	A	19910920	199711 B
			US 199343625	A	19930405	

Priority Applications (no., kind, date): US 1991763451 A 19910920; US 199343625 A 19930405

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5600844	A	EN	24	4	C-I-P of application US 1991763451

...packet processor for producing signals, frames, packets, cells, and/or macroblocks for document communication also interprets and controls document communication in accordance with one of number of layered functions

Alerting Abstract ...a personal knowledge content in the personal database device. The personal database device segregates, partitions and assigns the personal knowledge content to one or a number of user, application and/or network environments. A packet processor is connected to the personal database device for producing signals, frames, packets, cells, and/or macroblocks for document communication. The packet processor interprets and controls document communication in accordance with one of a number of layered functions. An input/output device is connected to the packet processor for transceiving data signals from external. An encoding/decoding device is connected...

Title Terms.../Index Terms/Additional Words: CELL; ...

...NUMBER;

Original Publication Data by Authority

Argentina

Assignee name & address:

Claims:

...based computing systems, said document data processor performing a plurality of kernel control functions representable by high level language procedures including an operating system, a session control, a database access and management, and a communication protocol, said document data processor comprising: personal database means for obtaining, organizing and updating a personal knowledge content in...

4/3,K/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007875218 - Drawing available

WPI ACC NO: 1996-506438/199650

XRPX Acc No: N1996-426683

Communication system providing compressed analog message retransmission on demand - uses base station which transmits address identifying transceiver to which message is directed, session number modulated in first modulation format and compressed analog message modulated in second modulation format

Patent Assignee: MOTOROLA INC (MOTI)

Inventor: CHOI K K; DANG T T; HILL T C; HUFFERD L C

Patent Family (3 patents, 28 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1996035308	A1	19961107	WO 1996US4079	A	19960325	199650 B
AU 199655268	A	19961121	AU 199655268	A	19960325	199711 E
US 5694454	A	19971202	US 1995434211	A	19950504	199803 E

Priority Applications (no., kind, date): US 1995434211 A 19950504

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1996035308	A1	EN	32	7	
National Designated States, Original: AU BR CA CZ JP KR MX PL RU UA					
Regional Designated States, Original: AT BE CH DE DK ES FI FR GB GR IE IT					
LU MC NL PT SE					
AU 199655268	A	EN			Based on OPI patent WO 1996035308
US 5694454	A	EN	13	7	

...uses base station which transmits address identifying transceiver to which message is directed, session number modulated in first modulation format and compressed analog message modulated in second modulation format

Alerting Abstract ...The communication system (100) includes a base station with a call transmitter for transmitting an address and a session number modulated in a first modulation format and a compressed analog message modulated in a second modulation format. At least

one cell receiver receives a request for retransmission of the compressed analog message. A cell controller responsive to the request for retransmission received controls a retransmission of the compressed analog message...

...The system further includes a portable communication transceiver which includes a receiver coupled to a decoder. The receiver receives the address, and the session number modulated in the first modulation format and the compressed analog message modulated in the second modulation format. The decoder decodes the address. A playback circuit...

Title Terms.../Index Terms/Additional Words: **NUMBER**;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...118). The base station (114) transmits an address (414) identifying the portable communication transceiver (118) to which a voice message is directed, and a session number (415) modulated in a first modulation format and a compressed analog message (418) representing the voice message modulated in a second modulation format. When the signal...

...118). The base station (114) transmits an address (414) identifying the portable communication transceiver (118) to which a voice message is directed, and a session number (415) modulated in a first modulation format and a compressed analog message (418) representing the voice message modulated in a second modulation format. When the signal quality of...

Claims:

...communication system providing compressed analog message re-transmission on demand, the communication system comprising: a base station comprising means for receiving an address, a session number and a compressed analog message transmitted from a system controller, a memory comprising a first memory portion for storing the address and the session number as information in a digital format, and a second memory portion for storing the compressed analog message as information in an analog format, a cell transmitter for transmitting the address and the session number modulated in a first modulation format and the compressed analog message modulated in a second modulation format, at least one cell receiver for receiving a request for re-transmission of the compressed analog message, and a cell controller, coupled to said memory, and responsive to the request for re-transmission received for controlling a re-transmission of the compressed analog message which is stored; and a portable communication transceiver, comprising a receiver for receiving the address and the session number modulated in the first modulation format and the compressed analog message modulated in the second modulation format, a decoder, coupled to said receiver, for decoding the address and in response thereto storing the session number and the compressed analog message in a memory when the address matches a predetermined address assigned to the portable communication transceiver, a playback circuit for controlling playback of the compressed analog message stored in said memory for a user, means for manually generating the

request for re-transmission of the compressed...

4/3,K/17 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007855741 - Drawing available

WPI ACC NO: 1996-486007/199648

XRFX Acc No: N1996-409394

Extension of high speed network to remote locations using asymmetric hybrid access system - has hybrid access system point of presence router connecting user for fast downstream data transfer, lower speed upstream transfer occurs via independent channel

Patent Assignee: HYBRID NETWORKS INC (HYBR-N)

Inventor: ENNS F; GRONSKI J M; LUXENBERG R A; MOURA E J; PACKER R L

Patent Family (14 patents, 20 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1996033562	A1	19961024	WO 1996US5453	A	19960419	199648 B
US 5586121	A	19961217	US 1995426920	A	19950421	199705 E
EP 830756	A1	19980325	EP 1996912925	A	19960419	199816 E
			WO 1996US5453	A	19960419	
US 5818845	A	19981006	US 1995426920	A	19950421	199847 E
			US 1996588378	A	19960118	
US 5828655	A	19981027	US 1995426920	A	19950421	199850 E
			US 1996700991	A	19960821	
US 5859852	A	19990112	US 1995426920	A	19950421	199910 E
			US 1996703892	A	19960827	
JP 11504471	W	19990420	JP 1996531941	A	19960419	199926 E
			WO 1996US5453	A	19960419	
US 5946322	A	19990831	US 1995426920	A	19950421	199942 E
			US 1996703767	A	19960827	
US 5959997	A	19990928	US 1995426920	A	19950421	199947 E
			US 1996697246	A	19960821	
US 6005850	A	19991221	US 1995426920	A	19950421	200006 E
			US 1996700988	A	19960821	
US 6016316	A	20000118	US 1995426920	A	19950421	200011 E
			US 1996697079	A	19960820	
US 6104727	A	20000815	US 1996703767	A	19960827	200041 NCE
			US 1998212857	A	19981217	
US 6411606	B1	20020625	US 1996700988	A	19960821	200246 NCE
			US 1998110135	A	19980706	
US 6862264	B1	20050301	US 1995426920	A	19950421	200516 E
			US 1996697080	A	19960820	

Priority Applications (no., kind, date): US 1995426920 A 19950421; US 1996588378 A 19960118; US 1996697079 A 19960821; US 1996697080 A 19960820; US 1996697246 A 19960821; US 1996700988 A 19960821; US 1996700991 A 19960821; US 1996703767 A 19960827; US 1996703892 A 19960827; US 1998110135 A 19980706; US 1998212857 A 19981217

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1996033562	A1	EN	61			

National Designated States, Original: JP

Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT
 LU MC NL PT SE
 US 5586121 A EN 35 20
 EP 830756 A1 EN PCT Application WO 1996US5453
 Based on OPI patent WO 1996033562
 Regional Designated States,Original: AT BE CH DE DK ES FI FR GB IE IT LI
 NL PT SE
 US 5818845 A EN Division of application US 1995426920
 Division of patent US 5586121
 US 5828655 A EN Division of application US 1995426920
 Division of patent US 5586121
 US 5859852 A EN Division of application US 1995426920
 Division of patent US 5586121
 JP 11504471 W JA 79 PCT Application WO 1996US5453
 Based on OPI patent WO 1996033562
 US 5946322 A EN Division of application US 1995426920
 Division of patent US 5586121
 US 5959997 A EN Division of application US 1995426920
 Division of patent US 5586121
 US 6005850 A EN Division of application US 1995426920
 Division of patent US 5586121
 US 6016316 A EN Division of application US 1995426920
 Division of patent US 5586121
 US 6104727 A EN Continuation of application US
 1996703767
 Continuation of patent US 5946322
 US 6411606 B1 EN Continuation of application US
 1996700988
 Continuation of patent US 6005850
 US 6862264 B1 EN Division of application US 1995426920
 Alerting Abstract ...The network communications system has a downstream
 channel which is shared by a number of remote clients receiving high
 speed data packets from a server. At least one independent upstream channel
 enable the clients to transmit lower speed return...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...the hybrid access system point of presence router. High speed downstream
 information transfer passes through a cable TV headend or a TV transmitter
 or a cell station (28).

...

...be located on the same or different communication medium including a
 CATV network, direct broadcast satellite network, television or radio RF

broadcast network, wireless or mobile cellular facilities or the like. The return channel may reside on a PSTN either directly coupled with the host server or connected with the network manager for subsequent transmission to the host server. The network...

...be located on the same or different communication medium including a CATV network, direct broadcast satellite network, television or radio RF broadcast network, wireless or mobile cellular facilities or the like. The return channel may reside on a PSTN either directly coupled with the host server or connected with the network manager for subsequent transmission to the host server. The network manager handles or controls the forward and return communication to establish interactive full-duplex real-time network sessions between the host and plural client devices. The network manager effects upstream channel allocation in response to channel allocation requests and prioritizes polling wherein the...

...be located on the same or different communication medium including a CATV network, direct broadcast satellite network, television or radio RF broadcast network, wireless or mobile cellular facilities or the like. The return channel may reside on a PSTN either directly coupled with the host server or connected with the network manager for subsequent transmission to the host server. The network manager handles or controls the forward and return communication to establish interactive full-duplex real...
...be located on the same or different communication medium including a CATV network, direct broadcast satellite network, television or radio RF broadcast network, wireless or mobile cellular facilities or the like. The return channel may reside on a PSTN either directly coupled with the host server or connected with the network manager for subsequent transmission to the host server. The network manager handles or controls the forward and return communication to establish interactive full-duplex real...

...be located on the same or different communication medium including a CATV network, direct broadcast satellite network, television or radio RF broadcast network, wireless or mobile cellular facilities or the like. The return channel may reside on a PSTN either directly coupled with the host server or connected with the network manager for subsequent transmission to the host server. The network manager handles or controls the forward and return communication to establish interactive full-duplex real-time network sessions between the...

...the hybrid access system point of presence router. High speed downstream information transfer passes through a cable TV headend or a TV transmitter or a cell station.

An asymmetric network communication system for use in...

...be located on the same or different communication medium including a CATV network, direct broadcast satellite network, television or radio RF broadcast network, wireless or mobile cellular facilities or the like. The return channel may reside on a PSTN either directly coupled with the host server or connected with the network manager for subsequent transmission to the host server. The network manager handles or controls the forward and return communication to establish interactive full-duplex real-time network sessions between the host and a

selected client device. The network manager switches upstream channel assign
...be located on the same or different communication medium including a
CATV network, direct broadcast satellite network, television or radio RF
broadcast network, wireless or mobile cellular facilities or
the like. The return channel may reside on a PSTN either directly coupled
with the host server or connected with the network manager for subsequent
transmission to the host server. The network manager handles or controls
the forward and return communication to establish interactive
full-duplex real-time network sessions between the host and a selected
client device. Acknowledgment and/or other data...

...be located on the same or different communication medium including a
CATV network, direct broadcast satellite network, television or radio RF
broadcast network, wireless or mobile cellular facilities or
the like. The return channel may reside on a PSTN either directly coupled
with the host server or connected with the network manager for subsequent
transmission to the host server. The network manager handles or controls
the forward and return communication to establish asymmetric
communication between the host and plural client devices in a way to
pre-authorize the amount of upstream data...

...the hybrid access system point of presence router. High speed downstream
information transfer passes through a cable TV headend or a TV transmitter
or a cell station.

A hybrid access system and method using a hybrid access system point
of presence...

...the hybrid access system point of presence router. High speed downstream
information transfer passes through a cable TV headend or a TV transmitter
or a cell station.

A hybrid access system and method using a hybrid access system point
of presence router (26) and a...

...the hybrid access system point of presence router. High speed downstream
information transfer passes through a cable TV headend or a TV transmitter
or a cell station (28).

Claims:

...a remote device seeking to establish connection with said asymmetric
network system, the indication including one of a predetermined unique
abstract name and a device ID associated with said remote ...to said
remote device over said common medium, configuring said remote device in
accordance with said allocated configuration data; and controlling said
router, by said network manager, to receive new remote device
indications over said common medium and broadcast of configuration poll
data over said common medium...

...comprising the steps of: monitoring an allocated first upstream channel
for an operability indication of a client and determining an absence of
activity when a number of monitored operability indications within a
predetermined time interval is less than a predetermined acceptable
number of indications; based on said determined absence of activity,
directing said client to respond on another upstream channel; and allocating
said other upstream channel to...

...A method of packet suppression for use in communication between first and second nodes having respective first and second transmit and receive queues, in which information packets having headers and content are transmitted from a first node to said second node, said method comprising:providing a packet structure defining headers that uniquely identify the content...method comprising:transmitting a series of data packets from said transmitter node to said receiver node wherein respective ones of said data packets include sequence numbers indicative of a succession of data packets transmitted from said transmitter node,generating acknowledgment packets that contain information indicative of successive ones of data packets...

...from said receiver node to said transmitter node wherein at least one unsuppressed acknowledgment packet that is transmitted to said transmitter node has a sequence number embracing sequence numbers contained in suppressed ones of said acknowledgments.

4/3,K/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007183546 - Drawing available
WPI ACC NO: 1995-225835/199530
XRPX Acc No: N1995-177003

Transmission and validation of updated encryption key between two users - transmitting value by exchange of certificate using arithmetic expression with counter and validation with interruption if failure detected
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: AHMADI H; BANTZ D; BAUCHOT F; BELLO E D; DAL BELLO E; HERZBERG A; KRAWCZYK H; KRAWCZYK H; KUTTEN S; MANSOUR Y; NATARAJAN K; WETTERWALD M M
Patent Family (5 patents, 6 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
EP 656708	A1	19950607	EP 1993480210	A	19931203	199530 B
CA 2134013	A	19950604	CA 2134013	A	19941021	199536 E
JP 7202882	A	19950804	JP 1994255414	A	19941020	199540 E
US 5515439	A	19960507	US 1994336605	A	19941109	199624 E
US 5519706	A	19960521	US 1994267689	A	19940628	199626 E

Priority Applications (no., kind, date): EP 1993480210 A 19931203

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 656708	A1	EN	18	7		
Regional Designated States,Original: DE FR GB						
CA 2134013	A	EN				
JP 7202882	A	JA	14			
US 5515439	A	EN	15	7		
US 5519706	A	EN	21			

Original Titles:

...Dynamic user registration method in a mobile communications network

Alerting Abstract ...expression cannot be solved without knowledge of a

given value of field. An exchange counter C is controlled by A and is representative of the ~~number~~ of variables exchanged during a session with B...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...which combines the following elements: the new value of the variable, a common secret key known by both users, an exchange counter representative of the ~~number~~ of values of said variable transmitted between the two users during the current communication session and a session freshness proof. Protection against potential eavesdroppers and intruders is provided by...

...which combines the following elements: the new value of the variable, a common secret key known by both users, an exchange counter representative of the ~~number~~ of values of said variable transmitted between the two users during the current communication session and a session freshness proof. Protection against potential eavesdroppers and intruders is provided by combining cryptographically the elements of...

...In a communications system comprising a ~~number~~ of base stations, each base station communicating over a shared communication channel with a plurality of registered stations and controlling the network ~~cell~~ formed by said plurality of registered stations, a method is described for dynamically ~~registering~~ and deregistering ~~mobile~~ stations. Each station owns a unique address and is allocated a local identifier at registration time. Each network ~~cell~~ owns a unique ~~cell~~ identifier known to all registered stations belonging to this ~~network cell~~. Base stations ~~manage cell~~ members data uniquely associating the unique address and the local identifier corresponding to each one of the ~~mobile~~ stations belonging to their network ~~cell~~. A registration request is sent to a ~~selected~~ base station by a registering ~~mobile~~ station, comprising the unique ~~cell~~ identifier of the network ~~cell~~ controlled by the ~~selected~~ base station and the unique address of the registering ~~mobile~~ station; the selected base station detects in its ~~cell~~ members data any conflicting ~~registered~~ station whose unique address matches the unique address of the registering ~~mobile~~ station and sends an address check packet to any conflicting registered station, comprising the unique address of the conflicting registered station, its local identifier and the identifier of the network ~~cell~~ it controls. A receiving registered ~~mobile~~ station sends to the selected base station, an acknowledgement to the address check ~~packet~~ if its unique address, the local identifier of its owning base station and its network ~~cell~~ identifier all match with the ones carried by the address check packet. The ~~selected~~ base station rejects the registration request if it receives an acknowledgement to its address check packet. The same address check packet is used to deregister ...

Claims:

...knowledge of S, m2 being a given value of field M2;</br> and wherein,</br> c1 is an exchange counter controlled by A and

representative of the number of values of said variable exchanged between user A and user B during said first communication session.</br> b. processing by B of said exchange certificate M comprising the steps of:</br> - deriving from said exchange certificate M said value K' as a result of...

...an equation of the minimum form: $g(S, K', N2, c2, \dots) = M2$ wherein,</br> c2 is an exchange counter controlled by B and representative of the number of values of said variable exchanged between user A and user B during said first communication session.</br> c. interrupting at the initiative of either A or B said first communication session between A and B and opening a second communication session identified by a second unique session freshness proof upon occurrence...

...knowledge of S, m2 being a given value of field M2; and wherein, c1 is an exchange counter controlled by A and representative of the number of values of said variable exchanged between user A and user B during said first communication session; b. means for processing by B of said exchange certificate M comprising: means for deriving from said exchange certificate M said value K' as a result of solving for K' equation: $f(S, K', \dots) = M1$; and means for validating said...

...an equation of the minimum form: $g(S, K', N2, c2, \dots) = M2$ wherein, c2 is an exchange counter controlled by B and representative of the number of values of said variable exchanged between user A and user B during said first communication session; c. means for interrupting at the initiative of either A or B said first communication session between A and B and opening a second communication session identified by a second unique session freshness proof upon occurrence of any one of...

...A method for dynamically registering a new station in a communications system comprising a number of base stations, each base station communicating over a shared communication channel with a plurality of registered stations and controlling a network cell formed by said plurality of registered stations, wherein: each registered station owns a unique address and is allocated a local identifier, each network cell owns a unique cell identifier known to all registered stations belonging to said each network cell, said each base station manages cell members data uniquely associating the unique address and the local identifier corresponding to each one of said plurality of registered stations; said method comprising the steps of: a. send a registration request from said registering new station to a selected base station, said registration request comprising the unique cell identifier of the network cell controlled by said selected base station and the unique address of said registering new station; b. upon reception of said registration request at said selected base station, detect in said cell members data any conflicting registered station whose said unique address matches the unique address of said registering new station; 1) if no conflicting registered station is detected, accept said registration request, allocate a local identifier to said registering new station and add an entry to said cell members data uniquely associating the unique address and the local identifier of said registering new station; 2) if a conflicting registered station is detected, send an address check packet from said selected base station to said conflicting registered station, said

address check packet comprising in a first field the unique address of said conflicting registered station, in a second field the local identifier of said conflicting registered station and in a third field the identifier of the network cell controlled by said selected base station; c. upon reception of said address check packet at a receiving registered station: 1) compare said first, second and third fields respectively with the unique address, the local identifier and the network cell identifier of said receiving registered station; and 2) if all of said first, second and third fields match, send an acknowledgement to said address check packet, from said receiving registered station to said selected base station. d. reject said registration request upon reception at said selected base station of an acknowledgement to said address check packet from said receiving registered station.

4/3,K/19 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007054467 - Drawing available
WPI ACC NO: 1995-075403/199510
XRPX Acc No: N1995-059722
Data transfer method and application to cellular communication system
- transmits data and priority codes and determines whether transmission may commence, monitors and halts transmissions if conditions fail
Patent Assignee: NOMADIC SYSTEMS INC (NOMA-N)
Inventor: FOLGER D; LAMBERT M; STEVENSON R
Patent Family (1 patents, 18 countries)
Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1995003679	A1	19950202	WO 1993US6805	A	19930720	199510 B

Priority Applications (no., kind, date): WO 1993US6805 A 19930720

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1995003679	A1	EN	5	4		

National Designated States,Original: CA JP
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU
MC NL PT SE

Data transfer method and application to cellular communication system
...

Original Titles:

METHOD AND APPARATUS FOR MANAGING DATA TRANSFER IN A CELLULAR COMMUNICATIONS SYSTEM

Alerting Abstract ...The data transfer method involves transmitting data sessions from a communications station (10) to a second communications station via one of a number of communications channels (50,60,70,80) managed by a control processor. The user may set the priority of data to be transmitted for immediate...

...USE/ADVANTAGE - Exchange of data and documents between remote mobile computers and central office. Eliminates overcrowding of channels during peak times. Minimises conflict between voice and data

channels. Automatically accommodates handoff and roaming of user.

Title Terms.../Index Terms/Additional Words: CELLULAR;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A method and apparatus for controlling the transmission of data sessions, comprising data locks, over a cellular communications system. The system is controlled by a processor and software at the cellular site, and additional software stored in a mobile user's computer. When a user of a cellular system wishes to transmit files or other data to or from a mobile computer, such as a laptop, which is connected to the cellular system, certain status data and priority codes are transmitted to the cellular system, which then determines whether the data transmission may begin. The user may intentionally select either a high or low priority, either to ensure immediate transmission, on the one hand, or to delay transmission until a specified time of day, on the other. Once transmission has begun, the cellular system constantly monitors conditions, including crowding of the cellular channels, to determine whether the transmission of data should continue. If transmission of the data is found not to meet the predetermined criteria, then transmission is temporarily ceased. The cellular system and the mobile system both maintain a constantly updated record of the status of the transmission. Thus, if transmission is ceased either because of the criteria not being met or because of...

Claims:

4/3,K/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006404790

WPI ACC NO: 1993-205655/199325

Related WPI Acc No: 1992-315825

XRPX Acc No: N1993-158143

Cellular radio telephone credit card paystation method - including periodically receiving synchronisation data from outside telephone, to set time and data for clock portion of telephone

Patent Assignee: GTE MOBILE COMMUNICATIONS SERVICE (SYLV)

Inventor: BORKOWSKI D G; BROWN P D; CAO T H; PLOUFF D A; ZICKER R G

Patent Family (1 patents, 1 countries)

Patent

Number	Kind	Date	Application Number	Kind	Date	Update
US 5220593	A	19930615	US 1990602698	A	19901024	199325 B
			US 1992861023	A	19920331	

Priority Applications (no., kind, date): US 1990602698 A 19901024; US 1992861023 A 19920331

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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Cellular radio telephone credit card paystation method...

Original Titles:

Cellular radiotelephone credit card paystation method

Alerting Abstract ...Cellular Mobile Radiotelephones (CMR's)
(12) incorporate a remotely programmable unit (RPU) which controls credit
card operation and which controls data communication sessions
with a credit card (CC) host (26) and a remote programming (RP) host (24).
The RPU resides between a conventional control unit (CU) and a...

...locally validated at the CMR. If the validation is successful, the CMR
is unlocked so that a call may be placed. Credit card information, called
number, call time, call duration, and system identification
number (SID) are recorded in a call record for each call established
through the CMR...

...USE/ADVANTAGE - Operating multiplicity of credit card reader-equipped
cellular mobile radiotelephones as credit card paystations.
Improved CMR pay service system. Reduced overhead costs and eliminates need
for credit card validation waits.

Title Terms/Index Terms/Additional Words: CELLULAR;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A system (10) for operating a multiplicity of credit card reader-equipped
cellular mobile radiotelephones (CMRs 12) as credit
card paystations is disclosed. The CMRs (12) incorporate a remotely
programmable unit (RPU 48) which controls credit card operation (1400,
1700) and which controls data communication sessions (
1800, 1900, 2100) with a credit card (CC) host (26) and a
remote programming (RP) host (24). The RPU (48) resides between a
conventional control unit (CU 42) and...

...1421) at CMR 12. If the validation is successful, the CMR (12) is
unlocked so that a call may be placed. Credit card information, called
number, call time, call duration, and system identification
number (SID) are recorded (1700) in a call record for each call
established through the CMR (12). Call records are accumulated within the
CMR (12). After each call, accumulated CMR...

Claims:

A method of efficiently and automatically collecting billing information
from a cellular radiotelephone, said method comprising the
steps of: accumulating call records within said radiotelephone, each call
record describing a single call and including data describing timing for
said single call, data identifying a cellular system utilized
in making said single call, and data identifying a credit card account

number to which said single call is to be charged; at predetermined intervals, placing a system call from said radiotelephone to a host computer; engaging in an access security handshaking procedure wherein said radiotelephone transmits an electronic serial number (ESN) that uniquely identifies said radiotelephone to said host computer, and said host computer transmits a password to said radiotelephone, said password being determined from said ESN...

4/3,K/21 (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006077333 - Drawing available
WPI ACC NO: 1992-315825/199238
XRPX Acc No: N1992-241715
Cellular radiotelephone credit card pay station method - locally determining ability to pay to enable operation, monitoring usage against fraud alert thresholds
Patent Assignee: GTE MOBILE COMMUNICATIONS SERVICE (SYLV)
Inventor: BORKOWSKI D G; BROWN P D; CAO T H; PLOUFF D A; ZICKER R G
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
US 5144649 A 19920901 US 1990602698 A 19901024 199238 B

Priority Applications (no., kind, date): US 1990602698 A 19901024

Patent Details
Number Kind Lan Pg Dwg Filing Notes
US 5144649 A EN 43 21

Cellular radiotelephone credit card pay station method...

Original Titles:
Cellular radiotelephone credit card paystation method

Alerting Abstract ...USE/ADVANTAGE - Operating remotely programmable cellular telephone as credit card paystation. Reduced air time, fast operation, utilising off peak air time.

Title Terms/Index Terms/Additional Words: CELLULAR;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A system (10) for operating a multiplicity of credit card reader-equipped cellular mobile radiotelephones (CMRs 12) as credit card paystations is disclosed. The CMRs (12) incorporate a remotely programmable unit (RPU 48) which controls credit card operation (1400, 1700) and which controls data communication sessions (188, 1900, 2100) with a credit card (CC) host (26) and a remote programming (RP) host (24). The RPU (48) resides between a conventional

control unit (CU 42) and...

...1421) at CMR 12. If the validation is successful, the CMR (12) is unlocked so that a call may be placed. Credit card information, called number, call time, call duration, and system identification number (SID) are recorded (1700) in a call record for each call established through the CMR (12). Call records are accumulated within the CMR (12). After each call, accumulated CMR...
Claims:

4/3,K/22 (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0004612421

WPI ACC NO: 1988-368737/198851

Related WPI Acc No: 1989-311913

Communication protocol for public service trunking system - translating message protocol and format between site controller and land link and between land link and dispatch console

Patent Assignee: ERICSSON GE MOBILE COMMUNICATIONS (TELF); ERICSSON GE MOBILE COMMUNICATIONS INC (TELF); ERICSSON INC (TELF); ERICSSON-GE MOBILE COMMUNICATIONS INC (TELF); GENERAL ELECTRIC CO (GENE); GENERAL ELECTRIC CO LTD (ENGE)

Inventor: CHILDRESS J S; COLE R E; COOPER G M; DISSOSWAY M A; GORDON R T; HALL N; HALL N L; HATTEY D L; HOUSTON H H; HUGHES H H; MARC A D; NAZARENKO D M; NAZARENKO D M; SPANGLER F; SPANGLER F E; YURMAN B

Patent Family (60 patents, 6 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1988009969	A	19881215	WO 1988US1983	A	19880603	198851 B
GB 2206018	A	19881221	GB 198813168	A	19880603	198851 E
GB 2206019	A	19881221	GB 198813016	A	19880603	198851 E
GB 2206020	A	19881221	GB 198813167	A	19880603	198851 E
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CA 1290401	C	19911008				199148 E
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GB 2244890	A	19911211	GB 199111269	A	19910524	199150 E
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US 5175866	A	19921229	US 198757046	A	19870603	199303 E
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US 5265093	A	19931123	US 198785490	A	19870814	199348 E
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			US 1992832697	A	19920207	
US 5274837	A	19931228	US 198756922	A	19870603	199401 E
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CA 1336920	C	19950905	CA 616065	A	19910509	199542 NCE
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			US 1990464053	A	19900103	
			US 1992860159	A	19920330	
			US 1993105153	A	19930812	
US 5574788	A	19961112	US 198756922	A	19870603	199651 E
			US 1990464053	A	19900103	
			US 1992860159	A	19920330	
			US 1993105153	A	19930812	
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			US 1995425152	A	19950419	
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Priority Applications (no., kind, date): US 198756922 A 19870603; US 198756923 A 19870603; US 198756924 A 19870603; US 198757046 A 19870603; US 198785490 A 19870814; US 198785491 A 19870814; US 198785572 A 19870814; US 198785663 A 19870814; CA 580065 A 19881013; US 1989365810 A 19890306; US 1989442319 A 19891128; US 1989449790 A 19891213; US 1990464053 A 19900103; US 1990532164 A 19900605; US 1991666841 A 19910308; US 1991666860 A 19910308; US 1991666862 A 19910308; CA 616065 A 19910509; US 1992832697 A 19920207; US 1992860159 A 19920330; US 1992913906 A 19920716; US 1992915769 A 19920721; CA 616659 A 19930610; US 1993105153 A 19930812; US 1995425152 A 19950419; US 1996697330 A 19960822

Patent Details

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WO 1988009969	A	EN	224	29		
National Designated States, Original: DK GB JP KR						
US 4821292	A	EN	14			
US 4835731	A	EN	118			
US 4903262	A	EN	27			
US 4903321	A	EN	63			
US 4905234	A	EN	52			
US 4926496	A	EN	15			
CA 1282117	C	EN				
CA 1283455	C	EN				
CA 1290401	C	EN				
CA 1292779	C	EN				
US 5086506	A	EN	63			
CA 1295370	C	EN				
US 5109543	A	EN	24			
GB 2206018	B	EN	0			
GB 2206019	B	EN	0			
GB 2244889	B	EN	0		Derived from application	GB 198813168
GB 2244890	B	EN	0		Derived from application	GB 198813168
GB 2247380	B	EN	0		Derived from application	GB 198813169
US 5125102	A	EN	37	11	Division of application	US 198756922
US 5128930	A	EN	60		Division of application	US 198785572
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CA 1304132	C	EN				
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US 5175866	A	EN	39	18	Continuation of application	US
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US 5206863	A	EN	56	18	Division of application	US 198785572
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US 5212724	A	EN	60	18	Division of application	US 198785572
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1991666860					Division of patent	US 4835731
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US 5265093	A	EN	25	7	Division of application	US 198785490
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US 5274837	A	EN	34	12	Division of application	US 198756922
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US 5274838	A	EN	35	18	Continuation of application	US
198757046					Continuation of application	US
1990532164					Continuation of patent	US 5175866
CA 1326510	C	EN			Division of application	CA 566664
CA 1336920	C	EN			Division of application	CA 616065
US 5483670	A	EN	35		Division of application	US 198756922
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US 5574788	A	EN	36	11	Division of application	US 198756922
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				Division of patent	US 5274837
				Division of patent	US 5483670
				Division of patent	US 5574788
JP 3019308	B2	JA	53	Previously issued patent	JP 64002435

Original Titles:

...Hardware interface and protocol for a ~~mobile~~ radio transceiver...

...Hardware interface and protocol for a ~~mobile~~ radio transceiver...

...Hardware interface and protocol for a ~~mobile~~ radio transceiver...

Equivalent Alerting Abstract ...The digital ~~mobile~~ radio transceiver includes a radio frequency circuit for transmitting and receiving radio frequency signals, and a digital signal processor connected to control the radio frequency...and channel monitoring are repeated qithin a retry time window, and the duration of the retry time window is increased as a function of the ~~number~~ of retries...The digital ~~mobile~~ radio transceiver allows even the most unsophisticated user to simply and easily obtain emergency communications. The transceiver is programmed with "personality" data specifying one or...

...an RF repeater site and a processor located remotely from the site. The RF repeater site includes RF repeater for communicating digital control signals with ~~mobile~~ radio units over RF channels using a predefined digital signalling protocol...

...from one another, and the second protocol is substantially identical to the signalling protocol used to communicate digital control signals between the repeater and the ~~mobile~~ radio units over the RF channels...The method of communicating digital data messages between a control head including a rotary switch and a digital ~~mobile~~ radio frequency transceiver over a serial data bus involves sensing changes in position of the control head rotary switch. If the sensing step reveals the...

...uses a much higher digital signalling rate and uses a control channel to convey digital channel request and assignment messages between the central site and ~~mobile~~ transceivers. The ~~mobile~~ radio transceivers transmit channel requests on the control channel...

...The ~~mobile~~ transceiver switches to a working channel in response to an assignment message received on the control channel. Subaudible digital signals transmitted on the control channel...failed. Because

trunking capability is maintained, failure of the primary site controller has little or no effect on ongoing communications and is virtually transparent to mobile unit operators...

...Trunked radio repeater system using digital control signals transmitted over a dedicated control channel while also using working channels arranged temporarily for use by individual mobile radio units...data link. The digital message includes a message type field specifying a message type, a unit identification code, a data type field, a data byte number, and at least one data byte...

...The system uses a control channel to convey digital channel request and assignment messages between the central site and mobile transceivers. The mobile radio transceivers transmit channel requests on the control channel (if no response is received, the mobile retries during a retry time window which increases in duration in dependence on the number of retries...

...The mobile transceiver switches to a working channel in response to an assignment message received on the control channel. Subaudible digital signals transmitted on the control channel...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...A system and method for communicating control signals between a digital mobile transceiver, a digital control head, and a mobile data terminal over a common serial peripheral bus uses a message protocol and architecture which is efficient and yet provides great versatility and functionality without adding undue complexity. As mobile data terminals are becoming increasingly important in digital trunked repeater systems, the efficiency provided by the signalling protocol disclosed herein (which is optimized for mobile data terminal messages) is a very important advantage.

...is typically found in prior art systems, and uses a control channel to convey digital channel request and assignment messages between the central site and mobile transceivers. The mobile radio transceivers transmit channel requests on the control channel (if no response is received, the mobile retries during a retry time window which increases in duration in dependence on the number of retries). The mobile transceiver switches to a working channel in response to an assignment message received on the control channel. Subaudible digital signals transmitted on the control channel...

...A digital mobile radio transceiver allows even the most unsophisticated user to simply and easily obtain emergency communications. The transceiver is programmed with "personality" data specifying one or...

...A system and method for communicating control signals between a digital mobile transceiver, a digital control head, and a mobile data terminal over a common serial peripheral bus uses a message protocol and architecture which is efficient and yet provides great versatility and

functionality without adding undue complexity. As mobile data terminals are becoming increasingly important in digital trunked repeater systems, the efficiency provided by the signalling protocol disclosed herein (which is optimized for mobile data terminal messages) is a very important advantage.

...is typically found in prior art systems, and uses a control channel to convey digital channel request and assignment messages between the central site and mobile transceivers. The mobile radio transceivers transmit channel requests on the control channel (if no response is received, the mobile retries during a retry time window which increases in duration in dependence on the number of retries). The mobile transceiver switches to a working channel in response to an assignment message received on the control channel. Subaudible digital signals transmitted on the control channel...

...lost). Because trunking capability is maintained, failure of the primary site controller has little or no effect on ongoing communications and is virtually transparent to mobile unit operators.

...A system and method for communicating control signals between a digital mobile transceiver, a digital control head, and a mobile data terminal over a common serial peripheral bus uses a message protocol and architecture which is efficient and yet provides great versatility and functionality without adding undue complexity. As mobile data terminals are becoming increasingly important in digital trunked repeater systems, the efficiency provided by the signalling protocol disclosed herein (which is optimized for mobile data terminal messages) is a very important advantage...

...is typically found in prior art systems, and uses a control channel to convey digital channel request and assignment messages between the central site and mobile transceivers. The mobile radio transceivers transmit channel requests on the control channel (if no response is received, the mobile retries during a retry time window which increases in duration in dependence on the number of retries). The mobile transceiver switches to a working channel in response to an assignment message received on the control channel. Subaudible digital signals transmitted on the control channel...

...lost). Because trunking capability is maintained, failure of the primary site controller has little or no effect on ongoing communications and is virtually transparent to mobile unit operators...

...is typically found in prior art systems, and uses a control channel to convey digital channel request and assignment messages between the central site and mobile transceivers. The mobile radio transceivers transmit channel requests on the control channel (if no response is received, the mobile retries during a retry time window which increases in duration in dependence on the number of retries). The mobile transceiver switches to a working channel in response to an assignment message received on the control channel. Subaudible digital signals transmitted on the control channel...

...is typically found in prior art systems, and uses a control channel to convey digital channel request and assignment messages between the central site and mobile transceivers. The mobile radio transceivers

transmit channel requests on the control channel (if no response is received, the **mobile** retries during a retry time window which increases in duration in dependence on the **number** of retries). The **mobile** transceiver switches to a working channel in response to an assignment message received on the control channel. Subaudible digital signals transmitted on the control channel...

...A digitally trunked radio repeater system provides substantial improvements in timeliness and reliability. The **mobile** radio transceivers transmit channel requests on the control channel at 9600 bps. The **mobile** transceiver switches to a working channel in response to an assignment message received on the control channel. Message and transmission trunking capabilities are both present...

Claims:

...repeating steps (a) and (b) within a reentry time window, and (c2) increasing the duration of the reentry time window as a function of the **number** of reentries...a processor located remotely from said site, said RF repeater site including a plurality of said RF repeater means for communicating digital control signals with **mobile** radio units over RF channels using a predefined digital signalling protocol, said method comprising the steps of (1) communicating digital signals in a first predefined...

...one another, and said second protocol is y identical to the signalling protocol used to communicate digital control signals between said repeater means and said **mobile** radio units over said RF channels...

...In a digitally trunked radio frequency repeater system of the type including plural RF repeater transceivers communicating via radio frequency channels with **mobile** radio transceivers, said repeater transceivers being controlled by a site controller which communicates control information with a dispatch console by means of a down link...

...a switch trunking processor and a switch, a method of operating said system comprising: communicating digital control signals between said repeater RF transceivers and said **mobile** radio transceivers via said radio frequency channels using a synchronous serial communications protocol; and communicating digital control signals between said down link trunking processor and...In a digitally trunked radio repeater system of the type which temporarily assigns RF channels to **mobile** digital radio transceivers in response to channel request messages transmitted by said **mobile** digital radio transceivers over an RF control channel, a method of providing distributed trunking control including the following steps: (a) receiving a channel assignment request message...

...value of "AA" hex; (2) receiving at the trunking card from the site controller a message identification byte which identifies an operational code and a **number** N of data bytes to follow said identification byte; (3) receiving at the trunking card from the site controller a variable **number** N of message data bytes following said identification byte, said variable **number** being dependent on the value of said identification byte; and (4) receiving at the trunking card from the site controller a checksum byte indicating the end ...data link, wherein said digital message includes a message type field specifying a message type, a unit identification code, a data type field, a data

byte number, and at least one data byte...
...an assigned working channel, </br>engaging in a digital communication session over said working channel, and </br>releasing said working channel at the end of a communication session for reassignment by said control channel...transmits and receives, over said control channel and over at least one temporarily assigned working channel, digital signals associated with a particular communique; and at least one mobile or portable radio transceiver that receives and detects as part of said digital signals associated with said particular communique, on at least one of s...

4/3,K/23 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07363963 **Image available**
INTRANET REMOTE ACCESS METHOD, AND INTRANET REMOTE ACCESS PROCESSING PROGRAM AND RECORDING MEDIUM WITH THE PROCESSING PROGRAM RECORDED

PUB. NO.: 2002-232460 [JP 2002232460 A]
PUBLISHED: August 16, 2002 (20020816)
INVENTOR(s): YAMADA KEISHIN
NAKAHAMA KIYOSHI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.: 2001-030156 [JP 200130156]
FILED: February 06, 2001 (20010206)

ABSTRACT

PROBLEM TO BE SOLVED: To provide an intranet remote access method by which even a terminal single body such as a Web compatible mobile phone can make a remote access to an intranet while securing high security and to provide an intranet remote access processing program and a recording...

... SOLUTION: A VPN(virtual private network) tunnel 9 is placed between a VPN gateway 3 and a gateway device 1 in response to a command control from a VPN session management server 2 on the Internet 6 attended with an entry of a terminal ID from the Web compatible mobile phone 4 assigned corresponding to devices (devices 1,..., N) on the intranet 5 and a VPN session management server 2 conducts a substitute access via the VPN tunnel 9 on behalf of the Web compatible mobile phone 4 attended with the entry of the terminal ID and a device name from the Web compatible mobile phone 4 and occurrence of a required access to the concerned device.

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?

---Logging off of Dialog---

? logoff
05aug09 10:35:07 User249839 Session D9065.4
Logoff: level 05.26.00 D 10:35:07

? show files;ds
 File 350:Derwent WPIX 1963-2009/UD=200949
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 (c) 2006 European Patent Office
 File 347:JAPIO Dec 1976-2009/Mar(Updated 090708)
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 (c) 2002 Gale/Cengage
 File 23:CSA Technology Research Database 1963-2009/Jul
 (c) 2009 CSA.
 File 56:Computer and Information Systems Abstracts 1966-2009/Aug
 (c) 2009 CSA.

Set	Items	Description
S1	548841	BLACKBERRY OR BLUETOOTH OR (CELL OR CELLULAR OR CORDLESS OR WIRELESS OR HANDHELD OR HANDHELDS OR HAND() (HELD OR HELDS) OR MOBILE OR PORTABLE OR SMART)() (PHONE OR PHONES OR UNIT OR UNITS OR DEVICE OR DEVICES OR APPARATUS OR APPTS OR TELEPHONE OR TELEPHONES OR FONE OR FONES)
S2	114239	CELLPHONE? ? OR CELLULARPHONE? ? OR HANDHELD? ? OR HAND() (-HELD OR HELDS OR SPRING) OR HANDSPRING OR HANDSPRINGS OR MOBILEPHONE? ? OR PALMTOP OR PALMTOPS OR PALM() (PILOT OR PILOTS OR TOP OR TOPS OR VII)
S3	395720	PCS OR PDA OR PDAS OR (PERSONAL OR PRIVATE OR PORTABLE) (2N-) (DIGITAL OR DATA OR INFORMATION OR ASSISTANT OR ASSISTANTS OR ORGANIZER OR ORGANIZERS OR DEVICE OR DEVICES OR ACCESS)
S4	3085996	SERVER? OR CLIENT? OR GATEWAY? OR GATE()WAY? OR HTTP()REQUEST OR NETWORK?
S5	127599	COOKIE? ? OR MONITORING()AGENT? ? OR PERSISTENT()STATE() (OBJECT OR DATA) OR WEBBUG OR WEB() (BUG OR BEACON) OR IDENTIFIER? ?
S6	73416	(SEPARATE? OR UNIQUE? OR INDIVIDUAL OR MACHINE()GENERATED - OR ASSIGNED OR REGISTRATION OR REGISTERED) (3W) (IDENTIFIER? ? OR ID OR IDS OR IDENTIFICATION OR CODE OR NUMBER? ?) OR SERIAL(-NUMBER? ?
S7	671	(S1:S3) AND S4 AND S5 AND S6
S8	670	S7 FROM 350,344,347,371
S9	125	S8 NOT AY>2000
S10	1	S7 NOT S8

S11 126 S9 OR S10
? t11/3,k/all

11/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.

0015489883 - Drawing available
WPI ACC NO: 2006-026480/200603
XRPX Acc No: N2006-023044
~~Server~~ and ~~cellular device~~ connection establishment
apparatus alerts and connects selected ~~cellular device~~ having
mobile identification number, to ~~server~~, during call origination
Patent Assignee: LUCENT TECHNOLOGIES INC (LUCENT)
Inventor: GARLAND S M; SMITH D B; THOMPSON J A; THOMPSON R J
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
US 6975862 B1 20051213 US 2000520861 A 20000307 200603 B

Priority Applications (no., kind, date): US 2000520861 A 20000307

Patent Details
Number Kind Lan Pg Dwg Filing Notes
US 6975862 B1 EN 7 2

~~Server~~ and ~~cellular device~~ connection establishment
apparatus alerts and connects selected ~~cellular device~~ having
mobile identification number, to ~~server~~, during call origination

Alerting Abstract ...NOVELTY - A switch connects a ~~server~~ to public
switched telephone network and cellular wireless network. A
home location register (HLR) stores data for deriving mobile identification
number, based on inform received from a ~~cellular device~~. The
selected ~~cellular device~~ having mobile identification number is
alerted and connected to the ~~server~~, during call origination.
DESCRIPTION - An INDEPENDENT CLAIM is also included for method of
establishing connection between ~~server~~ and ~~cellular~~
~~device~~.

...

...USE - For establishing connection between ~~server~~ and customer
equipment such as ~~cellular device~~, electric meter, water meter,
gas meter, residential device including smart thermostat, smart
refrigerator, smart air-conditioner or commercial devices such as vending
machines, copiers...

...ADVANTAGE - Connects ~~server~~ and ~~cellular device~~
reliably and efficiently, at reduced cost...

...DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining the
~~server~~ and ~~cellular device~~ connection establishment
process.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...and control devices at customer premises. Each customer device is provided with a cellular station having its own mobile identity, either an international mobile switching identifier (IMSI) or a mobile identity number (MIN). Each IMSI or MIN need not be associated with a different telephone number. For example, a single telephone number can be assigned to a service provider to access all devices telemetered by that service provided. Advantageously, this arrangement provides for an inexpensive method and apparatus for accessing customer...

Claims:

1. Apparatus for establishing a connection between a server system and a selected cellular device, comprising:
infrastructure of a Public Switched Telephone Network (PSTN),
and a cellular wireless communication network; means for connecting a server system to said infrastructure; wherein a plurality of wireless cellular devices are associated with a single directory number; wherein, on a call originated by said server system, said server system provides information for identifying a mobile identification number of said selected cellular device; said infrastructure comprising Home Location Register means for storing tabular data for deriving a mobile identification number from said information received from said server system; wherein on a call originated by said server system, only the selected cellular device having said mobile identification number is alerted and connected to said server system.>

11/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0015444046 - Drawing available
WPI ACC NO: 2005-793706/200581
Related WPI Acc No: 2005-784978
XRPX Acc No: N2005-657408
Electronic commerce facilitating automated process for e.g. casino gaming, involves linking on internet, customers and expert remote agents to obtain required product information
Patent Assignee: BEDNAREK M D (BEDN-I)
Inventor: BEDNAREK M D
Patent Family (1 patents, 1 countries)
Patent
Number Kind Date Number Kind Date Update
US 6965868 B1 20051115 US 1999365748 A 19990803 200581 B
US 2000490087 A 20000124

Priority Applications (no., kind, date): US 1999365748 A 19990803; US 2000490087 A 20000124

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6965868	B1	EN	87	18	C-I-P of application US 1999365748

Original Titles:

System and method for promoting commerce, including sales agent assisted commerce, in a **networked** economy

Alerting Abstract ...NOVELTY - The remote customer is provided with information, including unique **identifier** and expertise data, of the remote sales agents. A communication link is established between the remote customer and the remote agent selected by the remote...

Technology Focus

INDUSTRIAL STANDARDS - The wireless connection facilitating the electronic commerce conforms to **Bluetooth** and 802.11 standards.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A personal communication and electronic commerce system for use by participating users and participating merchants in connection with incentive programs in the **Network Economy**. The system includes a cellular communication **network** that includes geographically spaced base stations that are linked to a fixed communication network. Users may have **personal** communication devices that can be used to allow a digital message generated on the **personal** communication devices by placing a call through one of the base stations and memory for storing a digital value corresponding to a monetary value. The **personal** communication device may also be used as a cellular position locator to determine one's geographic location and, if desired, to access information from a merchant information database containing information pertaining to a plurality of participating merchants located within the geographic territory covered by the cellular communication network. The merchant information may be stored on a database that is accessible by merchants so those merchants can add, delete or alter information contained in their respective listings. An...

Claims:

...agents and distributed customers comprising: establishing a communication connection with a remote agent; receiving, from the remote agent, log in information sufficient to associate a **unique ID** with the remote agent; associating expertise data indicative of an expertise of the remote agent with the remote agent's **unique ID**; updating a record of available remote agents to indicate that the remote agent is available; establishing a communication connection with a remote customer; providing the remote customer information, including the **unique ID** and expertise data, pertaining to remote agents that are logged in; receiving, from the remote customer, data indicative of selection of a remote agent and establishing a communication link between the remote agent and the remote customer; and retrieving...

11/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0015190260 - Drawing available

WPI ACC NO: 2005-539853/200555

XRPX Acc No: N2005-441986

Mobile internet protocol extension for communication system, comprises data field that includes data comprising security parameter and authenticator associated with extensions identified by type value in type field

Patent Assignee: NORTEL NETWORKS LTD (NELE)

Inventor: AKHTAR H; KHALIL M; NARAYANAN R P; QADDOURA E A

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6922404	B1	20050726	US 1999159407	P	19991014	200555 B
			US 2000687486	A	20001013	

Priority Applications (no., kind, date): US 1999159407 P 19991014; US 2000687486 A 20001013

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6922404	B1	EN	9	3	Related to Provisional US 1999159407

Alerting Abstract ...a type field with a type value used to identify a group of authentication extensions having a common data type, sub-type field including a unique number assigned to a member of the identified extensions and a data field that includes the data comprising security parameter index and an authenticator associated with...

...control message extension method within a mobile internet protocol network; and internet protocol network.

...

...USE - For mobile internet protocol (IP) control messages communicated between communication devices such as mobile phone, laptop and personal digital assistant (PDA) through IP networks e.g. internet in communication system.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A new extensions structure for mobile IP control message extensions is employed to conserve the type field. Certain types of extensions, such as network access identifiers, are initially aggregated and subtypes are employed to identify the precise content of the extension (e.g., mobile node network access identifier, home agent network access identifier, foreign agent network access identifier, etc.). Long and short formats for the new extension structure are defined, with the long format applicable to non-skipable extensions carrying more than 256 bytes and the short format...

Claims:

...extension, comprising: a type field containing a type value identifying a collection of extensions having a common data type; a sub-type field containing a unique number assigned to a member of the collection of extensions identified by the type value within the

type field; anda data field containing the data associated with the extension, wherein the...

11/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0014724595 - Drawing available
WPI ACC NO: 2005-072214/200508
Related WPI Acc No: 2002-381586
XRPX Acc No: N2005-062202
Television program display method involves processing and configuring TV signal for user identified current channel, in accordance with configuration information associated with ~~unique~~ user ID code from remote computer connected to TV
Patent Assignee: DU VAL J (DVAL-I)
Inventor: DU VAL J
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
US 6832388 B1 20041214 US 2000585266 A 20000530 200508 B

Priority Applications (no., kind, date): US 2000585266 A 20000530

Patent Details
Number Kind Lan Pg Dwg Filing Notes
US 6832388 B1 EN 8 5
Television program display method involves processing and configuring TV signal for user identified current channel, in accordance with configuration information associated with ~~unique~~ user ID code from remote computer connected to TV

Alerting Abstract ...NOVELTY - The TV signals, and current channel identifier entered by user into application software running on remote computer connected to TV, are received by link broadcasting computer. The TV signal for current channel identified by user, is processed and configured in accordance with configuration information associated with ~~unique~~ user ID code received from remote computer, and transmitted to remote computer....USE - For displaying television program using internet accessible user's terminal such as personal computer, cell phone, ~~smart phone~~, personal digital assistant (PDA) and other internet appliance in conjunction with television (TV...)

Original Publication Data by Authority

Argentina

Assignee name & address:

Claims:

What is claimed is: 1. A method performed by a system connected to a communications network, said system including a shared computer that communicates with a plurality of remote computers, said method comprising: receiving television signals, by said shared computer, for a plurality of television channels, said television signals for at least some

of said channels containing first data in an embedded datacast; receiving by said shared computer a current channel identifier entered into application software running on a remote computer by a user selecting the current channel identifier via a user interface; receiving a unique user ID code, by said shared computer, from at least some of the remote computers, each remote computer transmitting a different user ID code; associating each unique user ID code, by said shared computer with configuration information stored at the shared computer; processing said first data by said shared computer for said plurality of television channels, including for said current channel identified by said user; configuring the first data, by said shared computer, in accordance with the configuration information associated with the unique user ID code; and transmitting to said remote computer from said shared computer, via the communications network, information regarding said first data for said current channel identified by said user, configured in accordance with the configuration information associated with the unique ID code for the remote computer.

11/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0014563653 - Drawing available
WPI ACC NO: 2004-745611/200473
XRPX Acc No: N2004-588847
Portable device's e.g. PDA, unauthorized usage preventing method, involves sending signal to portable device for enabling operation of authorized device, where portion of device is disabled when signal is absent

Patent Assignee: PALMONE INC (PALM-N)
Inventor: HENRIE J B

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6804699	B1	20041012	US 2000618406	A	20000718	200473 B

Priority Applications (no., kind, date): US 2000618406 A 20000718

Patent Details

Patent Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6804699	B1	EN	22	10	

Portable device's e.g. PDA, unauthorized usage preventing method, involves sending signal to portable device for enabling operation of authorized device, where portion of device is disabled when signal is absent

Original Titles:

Identifying and locating lost or stolen personal digital assistant devices via a landline- or wireless-connected web server

Alerting Abstract ...NOVELTY - The method involves receiving registration

information for a portable device. A signal is received upon use of the device, where the signal includes a unique identity. The use of the device is determined to be...
DESCRIPTION - An INDEPENDENT CLAIM is also included for a system of preventing unauthorized use of a portable device.

...

...USE - Used for preventing unauthorized usage of a portable device e.g. FDA, palmtop computer system, laptop computer system and desktop computer system...

...DESCRIPTION OF DRAWINGS - The drawing shows a flowchart depicting a process for preventing unauthorized use of a portable device and for facilitating recovery of a portable device.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A system and method for preventing unauthorized use of a device (e.g., a portable computer system) and for recovering the device when, for example, the device has been lost or stolen and an attempt to use it is made by someone other than an authorized user. The authorized user registers the device in a database at a central site (e.g., a Web site) using a unique identifier such as the device's serial number. If the device is lost or stolen, this information is entered into the Web site database by the authorized user. When the device is connected to the Internet using...

Claims:

11/3,K/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0014469107 - Drawing available

WPI ACC NO: 2004-660514/200464

XRPX Acc No: N2004-522889

Internet directory system for internet and telephone messaging, stores entries including email addresses comprising user-name and domain name portions in which local telephone number and area code of user are specified respectively

Patent Assignee: EMEDIACY INC (EMED-N)

Inventor: WAITES N

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6788769	B1	20040907	US 1999159083	P	19991013	200464 B
			US 2000687203	A	20001012	

Priority Applications (no., kind, date): US 1999159083 P 19991013; US 2000687203 A 20001012

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6788769	B1	EN	15	7	Related to Provisional	US 1999159083

Alerting Abstract ...NOVELTY - A server computer stores entries comprising email addresses corresponding to the users, in a data storage area. Each email address includes user-name portion in which local...
...USE - For providing internet directory service for internet and telephone messaging using communication devices such as cellular or wireless telephone, personal digital assistant (PDA), pager, standard personal computer (PC), internet appliances, TV, digital telephone, voice over internet protocol (VoIP) telephone and standard plain old telephone system (POTS) telephone...
...102 server
...
...112A-112C client computer systems

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...addressing. The system includes an interactive white and yellow pages directory that is based on telephone numbers. Thus, a user's telephone number is a unique identifier used to key other information within the directory. The telephone number may also be used as the primary component of an email address, domain name, or web site URL...
Claims:

What is claimed is:1. A telephone based Internet directory system, comprising: a server computer system having a data storage area, wherein the data storage area comprises a plurality of entries corresponding to a plurality of users and each entry has an email address for the respective user...

11/3,K/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0014169498 - Drawing available
WPI ACC NO: 2004-354632/200433
XRPX Acc No: N2004-283318
Transcoder proxy for providing Web document to client machine e.g. palmtop, has assistive technology interface generator to produce document object model assess commands that is provided to document object model generator
Patent Assignee: INT BUSINESS MACHINES CORP (IBM)
Inventor: DUTTA R; SCHWERTDFEGER R S; WEISS L F
Patent Family (1 patents, 1 countries)
Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6725424	B1	20040420	US 1999458648	A	19991209	200433 B

Priority Applications (no., kind, date): US 1999458648 A 19991209

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6725424	B1	EN	15	5		

Transcoder proxy for providing Web document to client machine e.g. palmtop, has assistive technology interface generator to produce document object model assess commands that is provided to document object model generator

Alerting Abstract ...a received portion of document to an original script. An assistive technology interface generator coupled to the DOM generator receives assistive technology event information and identifiers assigned to original script to produce DOM assess commands that are provided to DOM generator...a client machine a system for delivering an electronic document a method for presenting an electronic document to a user...

...USE - Used for providing Web document to a client machine e.g. palmtop or handheld computer in an electronic document delivery system.

Title Terms.../Index Terms/Additional Words: CLIENT;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Several embodiments of an electronic document delivery system are described including a client machine (e.g., a palmtop/handheld computer or wireless communication device) coupled to a transcoder proxy. The system allows a client machine with limited resources to provide an assistive technology solution for a physically challenged user. In one embodiment, the client machine includes an assistive technology which functions as an interface for a device (e.g., a Braille display or a speech engine). The transcoder proxy receives an electronic document expressed in a first digital format (e.g., HTML or XML). The transcoder proxy assigns a unique identifier to the element, and forms a model of a logical structure of the document (e.g., a document object model or DOM). The transcoder proxy uses the model to produce an "original" script including a portion of the document expressed in a second digital format (e.g., a scripting language). The client machine uses the original script to present the document portion. The client machine generates an assistive technology event in response to user input via the assistive technology device, associates the assistive technology event with the element, and provides assistive technology event information and the element identifier to the transcoder proxy. The transcoder proxy accesses the element within the model using the identifier, uses the model to produce a "modification" script, and provides the modification script to the client machine. The client machine uses the modification script to modify the presented

portion of the document.

Claims:

...an electronic document in a first digital format, wherein the electronic document includes at least one element, and wherein the synchronous DOM generator comprises an identifier (ID) generator configured to assign a unique identifier to each element, and wherein the synchronous DOM generator is configured to form a pre-transcoded DOM representing a logical structure of the electronic document, wherein elements are associated with corresponding identifiers within the pre-transcoded DOM; provide a portion of the electronic document in the first digital format; a transcoder coupled to receive the portion of the electronic document in the first digital format and configure to...

...electronic document from the first digital format to an original script in a second digital format, wherein the original script includes a element and the identifier assigned to the element; and provide the original script; an assistive technology interface generator coupled to the synchronous DOM generator and adapted to receive as in technology event information and the identifier assigned to the element within the original script, wherein the assistive technology interface generator is configured to use the assistive technology event information and identifier to produce DOM access commands; and provide the DOM access commands to the synchronous DOM generator.

11/3,K/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0013938289 - Drawing available
WPI ACC NO: 2004-118496/200412
XRPX Acc No: N2004-094674
Call connection method in Internet protocol telephony network of broadband communication system, involves receiving new directory number for call connection, when dialed directory number is already ported
Patent Assignee: AT & T CORP (AMTT)
Inventor: KUNG F; RUSSELL J E; SANKALIA A; WALKER H S; WANG S C
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
US 6678265 B1 20040113 US 1999475201 A 19991230 200412 B

Priority Applications (no., kind, date): US 1999475201 A 19991230

Patent Details
Number Kind Lan Pg Dwg Filing Notes
US 6678265 B1 EN 29 8

Call connection method in Internet protocol telephony network of broadband communication system, involves receiving new directory number for call connection, when dialed directory number is already ported

Alerting Abstract ...USE - For connecting calls in Internet protocol (IP) telephony network of broadband communication system used for providing media services such as off air and satellite video, public switched telephone network voice, multimedia messages and Internet

data, for personal computers and cable television/high definition television (CATV/HDTV) broadcasts...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A method for connecting a call in an IP telephony system is disclosed. A dialed unique identifier is routed to a network device. The network device determines whether the dialed unique identifier has been ported. If the dialed unique identifier has not been ported, the network device attempts to connect the call to the dialed unique identifier. If the dialed unique identifier has been ported, new routing information is sent from a database to the network device. The network device then attempts to connect the call using the new routing information.

Claims:

...down of calls to directory numbers served by said call managers, the method comprisinga) an individual one of said call managersi) receiving a dialed directory number;ii) sending a query to an IP local number portability database to determine if the received directory number has been ported; andiii) attempting to...

...the call using the received directory number if the received directory number has not been ported;b) if said received directory has been ported, said individual one of said call managersiv) receiving a new directory number from said database;v) determining whether the new directory number is served by said individual one of said call managers or by another one of said call managers;vi) attempting to connect the call using the new directory number if it is served by said individual one of said call managers; andvii) transferring said new directory number to an other one of said call managers if said new directory number is served by said other one of said call managers;c) said other one of said call managers receiving said transferred new directory number and...

11/3,K/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0013780520 - Drawing available
WPI ACC NO: 2003-879995/200382
Related WPI Acc No: 1997-300622
XRPX Acc No: N2003-702445
Cellular telephone access verification method for mobile data transmission system, involves transmitting signal that allows telephone to have less restricted access to network, based on analyzed identifier
Patent Assignee: AT & T WIRELESS SERVICES INC (AMIT)
Inventor: HOLMES D W J

Patent Family (1 patents, 3 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 1361775	A1	20031112	EP 1996119565	A	19961205	200382 B
			EP 200316354	A	19961205	

Priority Applications (no., kind, date): US 1995568041 A 19951206

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 1361775	A1	EN	9	2	Division of application EP 1996119565

Division of patent EP 778716

Regional Designated States,Original: DE GB NL

Cellular **telephone** access verification method for mobile data transmission system, involves transmitting signal that allows telephone to have less restricted access to **network**, based on analyzed **identifier**

Original Titles:

...Costumer activation system for cellular **network**

Alerting Abstract ...NOVELTY - A mobile identification number (MIN) is received from a cellular **telephone** (32). The MIN is analyzed by a cellular **network** to determine whether the telephone have restricted access to the **network**. A signal that allows the telephone to have less restricted access to the **network** is transmitted, when a favorable completion of MIN analysis is obtained.DESCRPTION - An INDEPENDENT CLAIM is also included for **cellular telephone** manufacturing process...

...USE - For verifying restricted access for **cellular telephone** in mobile data transmission system...

...ADVANTAGE - The programming time for activating **cellular telephone** is reduced, since correct exchange of activation programming is insured by automating the process. Thus, eliminating programming errors...

...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the **cellular telephone network**.

...

...10 **cellular telephone** unit

Title Terms.../Index Terms/Additional Words: **NETWORK**;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A mobile communication terminal device such as a **cellular telephone** is provided with a preliminary **identifier**

stored in memory. The identifier allows access to a cellular network for verification and provides essentially unique identification by the network, but is insufficient to allow further use of the network. During verification, the identifier is analyzed by a cellular network processor and a determination is made whether the cellular telephone should have restricted access to the network. Upon favorable completion of the identifier analysis, a signal may be transmitted to the cellular telephone that allows the cellular telephone to have less restricted access to the network. >

Claims:

A process of verifying a mobile communication terminal device, said process comprising: receiving from the terminal device an identifier transmitted, at least in part, on a cellular network, the terminal device having restricted access to the network; analyzing said identifier to determine whether the terminal device should continue to have restricted access to the network; and transmitting, upon favorable completion of said analyzing step, a signal to the terminal device allowing the terminal device to have less restricted access to the network.>

11/3,K/10 (Item 10 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0013689556 - Drawing available
 WPI ACC NO: 2003-786423/200374
 Password encryption method for network devices e.g. routers, involves encrypting global password using serial number as encryption key, and stores encrypted unique password in flash memory
 Patent Assignee: 3COM CORP (TCOM)
 Inventor: ACOMB S K; KETCHAM C C
 Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6609197	B1	20030819	US 1999296192	A	19990422	200374 B

Priority Applications (no., kind, date): US 1999296192 A 19990422

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6609197	B1	EN	11	5		

Password encryption method for network devices e.g. routers, involves encrypting global password using serial number as encryption key, and stores encrypted unique password in flash memory

Original Titles:

Method and system for secure emergency access to network devices

Alerting Abstract ...NOVELTY - The bar code attached to a network device such as router is scanned to obtain an unique serial number (22). A global password (24) based on model number, version of software, year of manufacture of the network device, is generated and

encrypted using unique serial number as encryption key to generate a unique password (26). After encryption, the encrypted unique password is stored in a flash memory of network device....a method for providing an emergency unit specific password for a network device; a method for using an emergency unit specific password for a specific network device; an emergency password system for network devices; a method for using an emergency unit specific password for router; computer readable medium storing instructions to execute unique password creation program; computer readable...

...USE - For encrypting passwords of devices such as routers, telephony switching hubs, wireless phone connected to anyone of the networks such as internet, intranet, public switched telephone network (PSTN)...

...ADVANTAGE - Provides secure emergency access to the configuration parameters of network devices...

...DESCRIPTION OF DRAWINGS - The figure shows the flow diagram illustrating a method for creating unique password for a network device.

Technology Focus

INDUSTRIAL STANDARDS - The interaction of network devices with network system is based on standards proposed by institute of electrical and electronic engineers (IEEE), international telecommunications union (ITU) telecommunication standardization sector, internet engineering task force...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Methods and system for providing secure emergency access to network devices. The methods and system described herein can be used to provide secure emergency access to network devices such as routers, telephony switching hubs, etc. Secure emergency access helps close security holes for providing access to configuration parameters in a network device by using an encrypted unit-unique password. The secure emergency access includes generating an encrypted emergency unit-specific password for a specific network device using a unique serial number for the specific network device and a global password used for a type of network device that includes the specific network device. The encrypted emergency unit-specific password is valid only on the specific network device with the unique serial number. The encrypted emergency unit-specific password is used to regain access to a specific network device for which an original password has been lost or misplaced. The secure emergency access can also be used for wireless phones to limit access to a network device identifier and telephone number data to prevent "cloning."

Claims:

We claim: 1. In a network device, a method for creating a secure unit-unique password for the network device, comprising the steps of:

obtaining a unique serial number for a specific network device; obtaining a global password used for a type network device that includes the specific network device; and generating an encrypted unit-unique password for the specific network device with the unique serial number and the global password; and storing the encrypted unit-unique password in non-volatile storage on the specific network device.

11/3,K/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0013574960 - Drawing available
WPI ACC NO: 2003-669463/200363
XRPX Acc No: N2003-534449
Intelligent device controller e.g. for digital camera, refrigerator, has processor which executes program for making controller to communicate with each device through communications encrypted using device identifiers
Patent Assignee: AVAYA TECHNOLOGY CORP (AVAY-N)
Inventor: FITZGERALD C A
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
US 6564056 BI 20030513 US 1999368099 A 19990803 200363 B

Priority Applications (no., kind, date): US 1999368099 A 19990803

Patent Details
Number Kind Lan Pg Dwg Filing Notes
US 6564056 BI EN 18 9

...controller e.g. for digital camera, refrigerator, has processor which executes program for making controller to communicate with each device through communications encrypted using device identifiers

Alerting Abstract ...NOVELTY - A device registration port receives registration information including a device identifier for each of several electrical/electronic devices (122-140), and stores it in a memory. A processor coupled to the memory and ports, executes the stored programs for making the controller (100) to communicate with each of the device through communications that are encrypted using device identifiers.
USE - For controlling communications-enabled intelligent electrical and electronic devices such as refrigerator, lawn water controller, personal digital assistant (PDA), digital cameras, facsimile, cell phones, smart card readers, and security systems including security cameras, smoke detectors, televisions, automobiles, utility meters, climate controller and patient monitor installed in home, office, hospitals...

...register with a controller, so that the devices need not implement a security scheme that includes special hardware or sophisticated software. The controller implements a private network of devices, so that the devices can be deployed in home or office with need of special wiring of provisioning. Further the controller connects to external network e.g. Internet to enable the user on external network to

communicate controller and devices in private network.

...

...DESCRIPTION OF DRAWINGS - The figure show the block diagram of communication network including device controller

Technology Focus

INDUSTRIAL STANDARDS - The electrical/electronic devices are connected to Internet, telephone network, or cellular network by controller through local area network connector controlling to standard RJ45 LAN connector.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

An intelligent device controller (hub 100) for communications-enabled ("intelligent") devices (120-140) implements a private network (102) of the devices, facilitating communications to and from only those devices that have been registered with the controller. Each device comes with a memory card (220) that stores interface programs for and information-including a unique device ID-about the device. A card reader (202) of the controller reads the memory card to register the device. Communications between the controller and the device are encrypted using the device ID as the encryption key. The private network is either based on standard building wiring or preferably is wireless to enable deployment and relocation of devices easily and, without need for a special infrastructure. The controller has at least one network port (204-208) to connect to an external network (104-108), thereby enabling a user on the external network to communicate with the controller and with the devices as well as enabling the devices to communicate with external service providers.

Claims:

...for communicating with a plurality of different communications-enabled devices that communicatively connect thereto; a device registration port for receiving registration information including a device identifier for each of the devices from storage entities that are physically separate from the devices and store registration information of the devices including the devices' identifiers; a memory coupled to the device registration port for storing programs and the received device registration information including the device identifiers; a processor coupled to the memory and to the ports for executing the stored programs and using the stored information; and the stored programs including a first program for causing the controller to communicate with each of the devices, via communications that are encrypted by using the devices' device identifier.>

11/3,K/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012906290 - Drawing available

WPI ACC NO: 2002-229308/200229

XRPX Acc No: N2002-176283

System for generating usage profiles generates profile from memory contents received by central unit from individual mobile telephones, each with clock, scanner, memory, user identifier

Patent Assignee: LAMMERHUBER P (LAMM-I)

Inventor: LAMMERHUBER P

Patent Family (4 patents, 24 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 1146449	A1	20011017	EP 2000890115	A	20000411	200229 B
DE 50000098	G	20020228	DE 50000098	A	20000411	200229 E
			EP 2000890115	A	20000411	
EP 1146449	B1	20020109	EP 2000890115	A	20000411	200229 E
ES 2171155	T3	20020901	EP 2000890115	A	20000411	200264 E

Priority Applications (no., kind, date): EP 2000890115 A 20000411

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 1146449	A1	DE	8	1	
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR					
IE IT LI LT LU LV MC MK NL PT RO SE SI					
DE 50000098	G	DE			Application EP 2000890115
Based on OPI patent EP 1146449					
EP 1146449	B1	DE			
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR					
IE IT LI LT LU LV MC MK NL PT RO SE SI					
ES 2171155	T3	ES			Application EP 2000890115
Based on OPI patent EP 1146449					

System for generating usage profiles generates profile from memory contents received by central unit from individual mobile telephones, each with clock, scanner, memory, user identifier

Original Titles:

...System and cellular phone for building use profiles...

...System and cellular phone for building use profiles...

Alerting Abstract ...NOVELTY - The system has mobile telephones (1,2) associated with users and moving in a network (3), each with a clock, scanner, memory and user identifier, and a central computer (4) with a database and output unit for connection to the telephones. The current time and code are stored in memory...

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: a mobile telephone, especially for a system for generating usage profiles...

...3 mobile network

Original Publication Data by Authority

Argentina

Assignee name & address:

Claims:

...of products, such as media products which are provided with a scanner-readable identification code, by a plurality of users having: a) a plurality of mobile telephones (1, 2) each assigned to one user which are moving in a mobile telephone network (3) and are each equipped with a clock (12), a scanner (11), a memory (6) and a user identification (10), on reading an identification code (15) store at least the current time and the identification code read in the memory (6) and on an interrogation signal send the contents of the memory (6) together with the user identification (10) via the mobile telephone network (3) to a predetermined receiving address; b) and having a central computer (4) for connection to the mobile telephone network (3) to which a receiving address in the mobile telephone network (3) is assigned and which is equipped with a database (18) and an output unit (19) which stores the memory contents (6) and user identifications (10) received from individual mobile telephones (1, 2) in the database (18) and produces the usage profiles (23) on the basis of the database (18) by means of the output unit (19).

11/3,K/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012832221 - Drawing available

WPI ACC NO: 2002-690343/200274

XRPX Acc No: N2002-544553

Internet based product information provision method involves providing access to products available for electronic ordering and displaying list of products previously ordered by user

Patent Assignee: DRUGSTORE.COM (DRUG-N); GIORDANO J (GIOR-I); NOLAN S (NOLA-I)

Inventor: GIORDANO J; NOLAN S

Patent Family (2 patents, 1 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
US 20020091576	A1	20020711	US 2000480731	A	20000106	200274 B
US 6947900	B2	20050920	US 2000480731	A	20000106	200562 E

Priority Applications (no., kind, date): US 2000480731 A 20000106

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20020091576	A1	EN	16	7		

Alerting Abstract ...Machine-readable medium storing instructions to implement electronic ordering products; Apparatus for providing product information; and Networked server for providing product information.

Original Publication Data by Authority

Argentina

Assignee name & address:

Claims:

...1. A method for facilitating electronic product ordering, comprising: serving a web page to a remote ~~personal~~ electronic device having a browser application to provide access to a user to products for electronic ordering via the ~~personal~~ electronic device, the products including prescription medications and over-the-counter (OTC) medications; receiving an electronic order made by the user for at least one of the products; storing in a database user information for the user, including a user identification and a record of the electronic orders made by...
...card holder name, a member ID, and relationship information indicating relationship of the user and a card holder of the insurance card; determining with a cookie if the user is a registered user upon access of the web page by the user via the ~~personal~~ electronic device; determining from the record a list of products previously ordered by the user; providing automatically on the web page the list of products previously ordered by the user if the user is determined to be a registered user; submitting electronically a new order for a previously ordered medication in response to the medication being selected from the list via the ~~personal~~ electronic device, wherein the new order is forwarded to a prescription distribution center if the new order is for prescription medication, and to an OTC distribution center if the new order is for over the counter (OTC) medication, the new order including a name and phone number of a doctor prescribing the ordered medication, a name and phone number of a pharmacy...

11/3,K/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012820075 - Drawing available
WPI ACC NO: 2002-677736/200273
XRPX Acc No: N2002-535797
Authentication auxiliary equipment for debit card system performs proximity transmission of data read from memory area of authenticating card, when transmitting instruction is detected
Patent Assignee: CASIO COMPUTER CO LTD (CASK)
Inventor: SAKURAZAWA T
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2002203225	A	20020719	JP 2000402718	A	20001228	200273 B

Priority Applications (no., kind, date): JP 2000402718 A 20001228

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2002203225	A	JA	22	17	

Original Titles:

AUTHENTICATION AUXILIARY EQUIPMENT, DEVICE AND SYSTEM FOR INDIVIDUAL
AUTHENTICATION AND ID MEDIUM ISSUING/ INDIVIDUAL AUTHENTICATION
NETWORK SYSTEM

Alerting Abstract ...NOVELTY - The memory area (2) of an authenticating card (1) mounted in a mounting unit stores the personal identification data unit instructs the transmission of data. A proximity transmitting unit performs proximity transmission of the data read from the memory area, when transmitting instruction is...
...Personal identification device; Personal identifier system; and ID media issue/personal-identification network system.
...

...ADVANTAGE - Since the authenticating card stores the personal identification data the card is used a key for operation of external device

Original Publication Data by Authority

Argentina

11/3,K/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012780995 - Drawing available
WPI ACC NO: 2002-635709/200268
XRPX Acc No: N2002-502215
Integrated resource management method for network implementation, involves assigning unique specifier to resource identified for deployment to network

Patent Assignee: LEEDER M A (LEED-I); MARSHALL D B (MARS-I); RAHM B P (RAHM-I)

Inventor: LEEDER M A; MARSHALL D B; RAHM B P

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020087665	A1	20020704	US 2000750303	A	20001229	200268 B

Priority Applications (no., kind, date): US 2000750303 A 20001229

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020087665	A1	EN	17	7	

Integrated resource management method for network implementation, involves assigning unique specifier to resource identified for deployment to network

Alerting Abstract ...NOVELTY - A unique specifier is assigned to a resource identified for deployment to the network. An identification information associated with the specifier is stored in a centralized repository. The retrieval of the resource is enabled based on the unique

specifier...USE - For managing integrated resources such as database, network address, switch, hardware, software and control logic for implementing networks such as computer network, virtual private network, telephone network, wide area network, etc., for providing e-commerce and other services accessed using web browser, cellular phone, etc...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...explicitly and consistently throughout a system, regardless of resource type. When a resource is defined, the resource may be assigned a unique specifier which may include a resource ID, type ID, version ID and/or other identifier. This information may be stored in a centralized repository, preventing redundant definitions of similar resources. Software or other applications may request (or require) access to a resource from a...

Claims:

What is claimed is: 1. A method for providing integrated resource management comprising the steps of: a) identifying a resource for deployment to a network wherein a unique specifier is assigned to the resource; b) storing resource identification information in a centralized repository, wherein resource identification information is associated with the unique specifier; and c) enabling resource retrieval based on the unique specifier.

11/3,K/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012763660 - Drawing available

WPI ACC NO: 2002-617267/200266

XRFX Acc No: N2002-488470

Serving general packet radio service support node for TDMA system, assigns temporary logical link identifier of mobile terminal, based on quality of service rating of mobile terminal

Patent Assignee: BALACHANDER B (BALA-I); BANKHEAD J (BANK-I); MIZELL J (MIZE-I); NORTEL NETWORKS LTD (NELE)

Inventor: BALACHANDER B; BANKHEAD J; MIZELL J

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20020075859	A1	20020620	US 2000745149	A	20001219	200266	B
US 6760344	B2	20040706	US 2000745149	A	20001219	200444	E

Priority Applications (no., kind, date): US 2000745149 A 20001219

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20020075859	A1	EN	12	6		

Serving general packet radio service support node for TDMA system, assigns temporary logical link identifier of mobile terminal, based on quality of service rating of mobile terminal

Original Titles:

Method and apparatus for providing differentiated quality of service in a GPRS network

...

...Method and apparatus for providing differentiated quality of service in a GPRS network

Alerting Abstract ...NOVELTY - Serving general packet radio service (GPRS) support node (SGSN) (104) assigns a temporary logical link identifier (TLLI) (106) to the mobile terminals (112,140,144) based on quality of service (QoS) rating of the mobile terminals, on receiving a signal containing...

...GPRS network; and QoS rating informing method to mobile terminal...

...ADVANTAGE - By assigning TLLI based on QoS rating of the mobile terminal, QoS is provided in a GPRS network without requiring changes to the established interfaces, and allows new GPRS ready mobile terminals to be incorporated into GPRS network while maintaining compatibility with existing GPRS mobile terminals...

...DESCRIPTION OF DRAWINGS - The figure shows the functional block diagram illustrating differentiated quality of service provision capability of the GPRS network.

...

...106 Temporary logical link identifier

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...method and apparatus support quality of service provisioning for a given mobile terminal without requiring changes to established interfaces for the general packet radio service network by assigning a temporary logical link identifier (TLLI) in a manner that implicitly reflects a QoS rating for a mobile terminal. In one embodiment of the present invention, a serving GPRS support node (SGSN) assigns a temporary logical link identifier (TLLI) within a first range for a first QoS rating and within a second range for a second QoS rating. Alternatively, the SGSN assigns a temporary logical link identifier having an even numerical value for a first QoS rating and an odd numerical value for a second QoS rating. Upon receiving a TLLI value, a base station and the corresponding mobile terminal may both evaluate the TLLI number to determine the assigned QoS rating for the mobile and to allocate communication resources in a corresponding manner. As an additional aspect of the present invention, the base station...

...An inventive method and apparatus support quality of service provisioning for a given **mobile** terminal without requiring changes to established interfaces for the general packet radio service **network** by assigning a temporary logical link identifier (TLLI) in a manner that implicitly reflects a QoS rating for a mobile terminal. In one embodiment of the present invention, a serving GPRS support node (SGSN) assigns a temporary logical link identifier (TLLI) within a first range for a first QoS rating and within a second range for a second QoS rating. Alternatively, the SGSN assigns a temporary logical link identifier having an even numerical value for a first QoS rating and an odd numerical value for a second QoS rating. Upon receiving a TLLI value, a base station and the corresponding mobile terminal may...

Claims:

claims 1. A serving GPRS support node (SGSN), comprising: circuitry for assigning a temporary logical link identifier (TLLI) to a mobile terminal according to a quality of service (QoS) rating of the mobile terminal whenever the SGSN receives a signal containing a mobile station ID (MSID) identifying the mobile terminal as being GPRS...

...What is claimed is: 1. A serving GPRS support node (SGSN), comprising: circuitry for assigning a temporary logical link identifier (TLLI) to a mobile terminal according to a quality of service (QoS) rating of the mobile terminal whenever the SGSN receives a signal containing a mobile station ID (MSID) identifying the mobile terminal as being GPRS capable; and circuitry for transmitting the TLLI to a base station in communication with the...

11/3,K/17 (Item 17 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0012762866 - Drawing available
 WPI ACC NO: 2002-616425/200266
 XREFX Acc No: N2002-487696
 Mobile identification numbers allocating method for **cellular** **telephones**, involves communicating randomly selected permanent MIN from host to remote device with **unique serial number**
 Patent Assignee: LABARGE INC (LABA-N)
 Inventor: FULTON R D
 Patent Family (1 patents, 1 countries)
 Patent

Number	Kind	Date	Application Number	Kind	Date	Update
US 6393298	B1	20020521	US 199888890	P	19980611	200266 B
			US 1999329428	A	19990610	

Priority Applications (no., kind, date): US 199888890 P 19980611; US 1999329428 A 19990610

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6393298	B1	EN	11	3	Related to Provisional US 199888890

Mobile identification numbers allocating method for **cellular** **telephones**, involves communicating randomly selected permanent MIN from host to remote device with **unique serial number**

Alerting Abstract ...NOVELTY - A unique serial number of a remote device and an initial mobile identification number (MIN), is communicated to a host system having an associated system identifier (SID). A permanent MIN is randomly selected from the remote device database and is encoded as a digit-by-digit difference with initial MIN. The...

...USE - For cellular telephones, pagers and machine-to-machine communication devices.

ADVANTAGE - Unique serial numbers and remote device database allow MIN to be reused in different host systems.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

In stationary or generally stationary devices that utilize the cellular network as a wireless front-end to another data network and that are involved strictly in machine-to-machine communication activities, a system is provided that supports the re-use of MINs between cellular markets. The system may also be used in other types of networks. A remote device, such as, for example, a cellemetry modem, communicates a commissioning request to a host system that has an associated system identifier (SID). The commissioning request includes a unique serial number (S/N) assigned to the remote device and an initial mobile identification number (MIN). If the remote device has not previously been commissioned, a temporary...

Claims:

...identification numbers (MINs) to a remote device, said method comprising:communicating a commissioning request to a host system, the host system having an associated system identifier (SID);selecting a permanent MIN from a database of available MINs associated with the host SID;encoding the permanent MIN as a digit-by-digit difference with a reference...

11/3,K/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012753551 - Drawing available
WPI ACC NO: 2002-606719/200265
XRPX Acc No: N2002-480392
Communication interception system for cellular communication system, transmits activation message to cellular phone to initiate communication by cellular phone to recipient through listening points or intercepting phones
Patent Assignee: SUPRUNOV P (SUPR-I)
Inventor: SUPRUNOV P

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6405030	B1	20020611	US 1999315749	A	19990520	200265 B

Priority Applications (no., kind, date): US 1999315749 A 19990520

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6405030	B1	EN	10	5		

Communication interception system for cellular communication system, transmits activation message to cellular phone to initiate communication by cellular phone to recipient through listening points or intercepting phones

Original Titles:

System for interception of digital cellular phone communication.

Alerting Abstract ...NOVELTY - An activating interception device (20) transmits an activation message to a cellular phone having a registration identifier. The message includes information for re-routing remote communication through listening points of intercepting phones such that remote communication by cellular phone to intended recipient is initiated through listening points or intercepting phones.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A system for interception of digital cellular phone communication which is required by Communication Assistance for Law Enforcement Agency CALEA. The system includes a plurality of wide area networks which control the transmission of voice, data, file and other types of messages in a reconfigured exchange area, each area network including a plurality of air interface Base Station (BS) controlled by a central regional service point Mobile Switch Center (MSC) which is connected to an activator unit. The activator is a computer based system controlled by microprocessor and having database for permanently and temporarily storing predetermined cellular phone subscribers information and messages from and intended for selected end users. The activator communicates with other wide area network via a physical communication network which provides communication links between the networks and the end users whether wireless or wired.

Claims:

An interception system, comprising: a cellular phone including registration identification means capable of remote communication via a cellular network connected to an activating interception device; said activating interception device operable for transmitting an activation message to said cellular phone including registration identification means for activating said cellular phone interception procedure; said activation message including information rerouting remote communication through at least one listening point or at least one intercepting phone such that initiation of remote communications by said cellular phone including registration identification means with an intended recipient causes

transmission of said remote cellular communication through at least one said listening point or at least one said intercepting phone.

11/3,K/19 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012737172 - Drawing available

WPI ACC NO: 2002-589777/200263

XRFX Acc No: N2002-468014

General packet radio service capable mobile terminal for TDMA system, has quality of service logic circuit to determine implied QoS rating based on temporary logical link identifier number received from base station

Patent Assignee: BALACHANDER B (BALA-I); BANKHEAD J (BANK-I); MIZELL J (MIZE-I)

Inventor: BALACHANDER B; BANKHEAD J; MIZELL J

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020077097	A1	20020620	US 2000745151	A	20001219	200263 B

Priority Applications (no., kind, date): US 2000745151 A 20001219

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20020077097	A1	EN	12	6		

...packet radio service capable mobile terminal for TDMA system, has quality of service logic circuit to determine implied QoS rating based on temporary logical link identifier number received from base station

Alerting Abstract ...NOVELTY - A quality of service (QoS) logic circuit determines an implied QoS rating based a temporary logical link identifier (TLLI) number received from a base station (108)...USE - For delivering base over a circuit switched telephone network such as global system for mobile communication (GSM) and TDMA systems...

...ADVANTAGE - Provides QoS in a GPRS network without requiring changes to the presently defined interface and allows new GPRS ready mobile phone to be incorporate into a GPRS network while maintaining compatibility with existing GPRS mobile terminals...

...DESCRIPTION OF DRAWINGS - The figure shows the functional block diagram of the GPRS network.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...method and apparatus support quality of service provisioning for a given mobile terminal without requiring changes to established interfaces for the

general packet radio service network by assigning a temporary logical link identifier (TLLI) in a manner that implicitly reflects a QoS rating for a mobile terminal. In one embodiment of the present invention, a serving GPRS support node (SGSN) assigns a temporary logical link identifier (TLLI) within a first range for a first QoS rating and within a second range for a second QoS rating. Alternatively, the SGSN assigns a temporary logical link identifier having an even numerical value for a first QoS rating and an odd numerical value for a second QoS rating. Upon receiving a TLLI value, a base station and the corresponding mobile terminal may both evaluate the TLLI number to determine the assigned QoS rating for the mobile and to allocate communication resources in a corresponding manner. As an additional aspect of the present invention, the mobile terminal...

Claims:

11/3,K/20 (Item 20 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0012686297 - Drawing available
 WPI ACC NO: 2002-536981/200257
 XRPX Acc No: N2002-425282

Network device tracking method involves associating asset identifier of network device with received user login formation and storing asset identifier and user log information in table
 Patent Assignee: BROMBAL D S (BROM-I)
 Inventor: BROMBAL D S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020073329	A1	20020613	US 2000734246	A	20001211	200257 B

Priority Applications (no., kind, date): US 2000734246 A 20001211

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20020073329	A1	EN	10	5		

Network device tracking method involves associating asset identifier of network device with received user login formation and storing asset identifier and user log information in table

Original Titles:

Tracking network devices

Alerting Abstract ...NOVELTY - Asset identifiers (34-38) including asset tag, an identifier of a processor in respective network devices (14-18) and a serial number of the network device, are associated with received user login information and stored in a table. The table is accessed to extract the asset identifier or the user log information, in response to reception of a request to track the network device....System for tracking network device; and Article of manufacture for tracking network device.

USE - For tracking network devices such as desktop computer, portable computer, network telephone included in a

communication system.

...

...ADVANTAGE - The network devices are tracked easily and efficiently

...

...34-38 Asset identifier

Title Terms/Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...communications system includes a number of network devices that are coupled to a data network. Each of the network devices are associated with corresponding asset identifiers. A network server stores an asset tracking table that stores asset identifiers of network devices and associated information identifying users of the network devices. A node can send a request to the network server for user identifying information based on an asset identifier to enable the identification of the user that is currently assigned the network device.

Claims:

...to enable tracking of a network device capable of communicating over a network, comprising: receiving information identifying a user over the network; receiving an asset identifier of the network device associated with the user; and associating the user identifying information with the asset identifier.

11/3,K/21 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012638071 - Drawing available

WPI ACC NO: 2002-487132/200252

Method for integrally managing many credit cards and using cards

Patent Assignee: HAN Y S (HANY-I)

Inventor: HAN Y S

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update	B
KR 2002006182	A	20020119	KR 200039686	A	20000711	200252	B

Priority Applications (no., kind, date): KR 200039686 A 20000711

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2002006182	A	KO	1	10	

Alerting Abstract DESCRIPTION - A client connects to a web site or an ARS system supplied by a server system(S11), and transmits one's personal information and credit card information(S12). The

server system transmits the received information to a card company client system(S13). The card company client system searches the received member information and member certification information is transmitted to the server system(S14). The server system stores the certification information to a member database(S15) and issues a single inherent identifier capable of substituting for a card of a member(S16). If a client buys a commodity and connects to the server system and suggests the single inherent identifier, a certification of the single inherent identifier is requested to the server system(S17-S18). The server system transmits information to available card kinds to a member store client system or a mobile terminal(S19). If the member store client system or the mobile terminal requests a certification to the kinds of card to be used and password to the server system(S20), the server system checks a password of the corresponding card and a resident registration number of the member(S21). A card number of the member is transmitted to the member store client system and the mobile terminal(S22). An approval of the card is requested(S23) and the member store client system transmits information to a card number, an amount of money, and an approval number to the mobile terminal and transmits card using details to ...

Original Publication Data by Authority

Argentina

11/3,K/22 (Item 22 from file: 350)
 DIALOG(R)File 350;Derwent WPIX
 (c) 2009 Thomson Reuters. All rts. reserv.

0012416358 - Drawing available
 WPI ACC NO: 2002-360721/200239
 Related WPI Acc No: 1996-097994; 1997-203565; 1997-311066; 2002-305202;
 2002-370725; 2003-828664; 2003-852587; 2004-051625; 2005-260502;
 2005-476183; 2008-E01085
 XRPX Acc No: N2002-281816
 Travel directional assistance provision method involves establishing pointer after dividing route into segments for providing direction of subsequent segment from different agents
 Patent Assignee: COX P M (COXP-I); FILLIGER P W (FILL-I); HUEY C A (HUEY-I); KEPLER M A (KEPL-I); METRO ONE TELECOM INC (METR-N); POWELL A P (POWE-I)
 Inventor: COX P M; FILLIGER P W; HUEY C A; KEPLER M A; POWELL A P
 Patent Family (2 patents, 1 countries)
 Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20020004382	A1	20020110	US 1994234644	A	19940428	200239 B
			US 1995527437	A	19950913	
			US 1996705979	A	19960830	
			US 199854360	A	19980402	
US 6580904	B2	20030617	US 199854360	A	19980402	200341 E

 Priority Applications (no., kind, date): US 1994234644 A 19940428; US 1995527437 A 19950913; US 1996705979 A 19960830; US 199854360 A 19980402

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020004382	A1	EN	19	5	Division of application US 1994234644

1995527437

Continuation of application US

C-I-P of application US 1996705979

C-I-P of patent US 5737700

Original Titles:

...Method of providing directional assistance to a ~~mobile~~
~~telephone~~ subscriber

Alerting Abstract ...by referring a travel information database. The agent establishes a pointer and provides directions after dividing the route into segments and storing it in a ~~server~~. The call from the user is reconnected to another agent who provides directions for subsequent segment. USE - For providing travel directional assistance information for ~~mobile telephone~~ subscribers...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A ~~wireless telephone~~ subscriber who wishes directory assistance in the form of directions from one specified location to another is connected to a directory assistance agent. The subscriber identifies a destination location and any requested travel criteria. The directory assistance agent collects the subscriber's travel parameters and a routing algorithm on the ~~server~~ draws upon geographic, transportation, and related information stored on the ~~server~~ to generate an appropriate route to the destination location. The selected route may be divided into multiple segments. Directions according to each segment are provided...

...single communication. Upon reconnection to a directory assistance agent while travelling, the subscriber is recognized as a travelling subscriber based on his MIN, ESN, or ~~unique traveller identification number~~, and the agent is furnished with the subscriber's travel information and current location. The route of travel may be updated or amended as desired...

...A ~~wireless telephone~~ subscriber who wishes directory assistance in the form of directions from one specified location to another is connected to a directory assistance agent. The subscriber identifies a destination location and any requested travel criteria. The directory assistance agent collects the subscriber's travel parameters and a routing algorithm on the ~~server~~ draws upon geographic, transportation, and related information stored on the ~~server~~ to generate an appropriate route to the destination location. The selected route may be divided into multiple segments. Directions according to each segment are provided...

...single communication. Upon reconnection to a directory assistance agent while travelling, the subscriber is recognized as a travelling subscriber

based on his MIN, ESN, or unique traveller identification number, and the agent is furnished with the subscriber's travel information and current location. The route of travel may be updated or amended as desired...

Claims:

...a database of travel information;generating a route to said destination location;dividing said route into one or more segments;storing said route on a server;establishing a pointer to said route;providing directions according to a first segment of said route to the user;reconnecting a call from the user...

...out the following (a)-(e) with or without repetition thereof:(a) storing at least the planned route including the segments thereof in association with an identifier identifying the user;(b) establishing a second communication connection with the user;(c) receiving the identifier through the second communication connection;(d) retrieving the planned route including the segments thereof based on the received identifier ; and(e) providing a second segment of the planned route to the user through the second communication connection.

11/3,K/23 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012337496 - Drawing available

WPI ACC NO: 2002-279585/200232

Related WPI Acc No: 2000-181927; 2000-399124; 2000-571466; 2000-586266;
2000-593357; 2001-406957; 2001-475041

XRFX Acc No: N2002-218260

Real time location based service provision method following cellular phone, involves storing transmitter locations corresponding signals, and providing subscriber with access to database

Patent Assignee: BAR A (BARA-I); HILSENATH O A (HILS-I); MOTOROLA INC (MOTI); RAJAPAKSE R (RAJA-I); TRAFFICMASTER USA INC (TRAF-N); WAX M (WAXM-I)

Inventor: BAR A; HILSENATH O A; RAJAPAKSE R; WAX M

Patent Family (2 patents, 1 countries)

Patent

Number	Kind	Date	Application Number	Kind	Date	Update
US 20010044309	A1	20011122	US 1997948713	A	19971010	200232 B
US 6456852	B2	20020924	US 1997780565	A	19970107	200266 E
			US 1997948713	A	19971010	

Priority Applications (no., kind, date): US 1997780565 A 19970107; US 1997948713 A 19971010

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20010044309	A1	EN	7	2	
US 6456852	B2	EN			C-I-P of application US 1997780565 C-I-P of patent US 6026304

Real time location based service provision method following cellular phone, involves storing transmitter locations corresponding signals, and providing subscriber with access to database

Alerting Abstract ...NOVELTY - Signals from several mobile transmitters are received and determined corresponding to transmitting locations. The locations are stored in database at server. A subscriber is provided with access to database through a computer network connection...USE
- For providing real-time location based service for cellular telephone network service and management...

...ADVANTAGE - Easily and inexpensively distributes real time location information of cellular telephone to various subscribers...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A system for easily and inexpensively distributing real time location information of cellular telephone users to various third party information subscribers comprises an HTTP server machine which maintains a dynamic database of current cellular users. The database has a list of caller entries, where each entry typically comprises a user ID number, such as a phone number, mobile ID number, and/or handset serial ID. The entry also includes, for each user ID number, a user location identifier such as a latitude and longitude, a sector number, a caller or called phone number and/or a street address. The HTTP server is connected to the internet so that registered third party information subscribers have access to the database by means of standard HTTP protocols that ensure authentication and provide encryption...

...the third party subscriber can obtain, via a simple internet query, the current location of the caller by submitting the phone number to the HTTP server using an HTML form. Standard software on the central server machine verifies the authenticity of the subscriber, looks up the location information in the database, and returns the information to the subscriber. The subscriber can then use the location...

...provide any of a wide range of services to the caller, or to dispatch emergency vehicles to the location of the caller. In addition, the server can directly provide many location-based services to callers...

...A system for easily and inexpensively distributing real time location information of cellular telephone users to various third party information subscribers comprises an HTTP server machine which maintains a dynamic database of current cellular users. The database has a list of caller entries, where each entry typically comprises a user ID number, such as a phone number, mobile ID number, and/or handset serial ID. The entry also includes, for each user ID number, a user location identifier such as a latitude and longitude, a sector number, a caller or called phone number and/or a street address. The HTTP server is connected to the internet so that registered third party information subscribers have access to the database by means of standard HTTP protocols that ensure authentication and provide encryption for...

...the third party subscriber can obtain, via a simple internet query, the current location of the caller by submitting the phone number to the HTTP **server** using an HTML form. **Standard** software on the central **server** machine verifies the authenticity of the subscriber, looks up the location information in the database, and returns the information to the subscriber. The subscriber can then use the location information...

...provide any of a wide range of services to the caller, or to dispatch emergency vehicles to the location of the caller. In addition, the **server** can directly provide many location-based services to callers.

Claims:

...a plurality of mobile transmitters;determining from the received signals a plurality of corresponding transmitter locations;storing the transmitter locations in a database at a **server** machine; andproviding a subscriber with access to the databases via a computer **network** connection.

...

...more of a plurality of stored signals, the stored signals representing a plurality of specific locations;storing the transmitter locations in a database at a **server** machine; andproviding a subscriber with access to the databases via a computer **network** connection.

11/3,K/24 (Item 24 from file: 350)
DIALOG(R)File 350;Derwent WPIX
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0012337123 - Drawing available
WPI ACC NO: 2002-279210/200232
XRPX Acc No: N2002-217903

Location routing number assignment in telephone **network**, involves judging whether customer is located in route center that is associated with customer's telephone number for assigning location routing number
Patent Assignee: GTE SERVICE CORP (SYLV)
Inventor: ROLLINS J C

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6327349	B1	20011204	US 1999420986	A	19991020	200232 B

Priority Applications (no., kind, date): US 1999420986 A 19991020

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6327349	B1	EN	13	6		

Location routing number assignment in telephone **network**, involves judging whether customer is located in route center that is associated with customer's telephone number for assigning location routing number

Alerting Abstract ...routing number with one portion comprising an area code and a primary central office code and another portion with a secondary

central office code, is assigned to a telephone number assigned to a customer based on whether the customer is located in a route center that is associated with the telephone number...USE - For assigning location routing number to telephone in telephone network supporting local number portability. Also for assigning location routing number to cellular telephone, facsimile, pagers, computers that are connected to wired or wireless telephone network.

...

...Enables identifying rate center information based on the geographic location and to accurately bill the customers without the need for a local service. Enables obtaining separate blocks of numbers for each rate center served.

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

In a telephone network supporting local number portability, a system and method for assigning a location identifier uses a location routing number to identify the geographic location of a customer. A local carrier assigns a telephone number to a customer. The local...

Claims:

In a telephone network supporting local number portability, a method for assigning a location routing number, comprising:providing a telephone number to a customer;determining whether the customer is located in...

11/3,K/25 (Item 25 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012326752 - Drawing available

WPI ACC NO: 2002-268606/200231

XRFX Acc No: N2002-209058

Media viewer identifying method for marketing survey authentication, involves storing mobile agent in memory, if data string formed by decrypting unique encrypted mobile agent and identifier from viewer, are identical

Patent Assignee: COMML ELECTRONICS LLC (COEL-N)

Inventor: MAXWELL J C; PADGETT R D

Patent Family (1 patents, 22 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2001097439	A1	20011220	WO 2000US33864	A	20001214	200231 B

Priority Applications (no., kind, date): US 2000593893 A 20000614

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2001097439 A1 EN 53 5
National Designated States,Original: CA IL JP
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE TR

Media viewer identifying method for marketing survey authentication, involves storing mobile agent in memory, if data string formed by decrypting unique encrypted mobile agent and identifier from viewer, are identical

Alerting Abstract ...NOVELTY - An identifier assigned to a viewer is encrypted and appended to an encrypted mobile agent, to form an unique encrypted mobile agent. The mobile agent and the identifier are decrypted using an identifier received from the viewer, to form a data string. The mobile agent is stored in memory, if the formed data string and received identifier are identical....Data verification method; Media viewer identification system; Data verification system; Viewer box; Public/private key pair transfer method...

...USE - For identifying and authenticating viewers, for marketing survey of broadcast products such as television, radio shows and computer network programs, using personal identification numbers and cryptography.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...and data collection verification which ensures the identity of the viewer submission of collected data (220) regarding a broadcast. The viewer is given a unique identifier (174) which can be a personal identification number or digitized biological indicia. The unique identifier is used to positively identify a viewer and to encode (180) any data transmitted between a viewer and a survey company ...

...La presente invention concerne un procede et un systeme d'identification de telespectateur et de verification d'un ensemble de donnees qui permettent d'identifier de facon sure le telespectateur avant de lui soumettre des donnees (220) recueillies relatives a une diffusion. On donne au telespectateur un identificateur (174) unique qui peut etre un numero d'identification personnel ou une empreinte biologique numerique. Cet identificateur unique est utilise de facon a identifier positivement un telespectateur et a coder (180) toutes les donnees transmises entre un telespectateur et un organisme realisant des etudes. Claims:

11/3,K/26 (Item 26 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012283743 - Drawing available
WPI ACC NO: 2002-224645/200228

Related WPI Acc No: 2005-519308

XRPX Acc No: N2002-172110

Digital certificate configuration for printer, involves comparing decrypted and non-encrypted messages transmitted from **network** and IP addresses

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: DEBRY R K

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6314521	B1	20011106	US 1997979505	A	19971126	200228 B

Priority Applications (no., kind, date): US 1997979505 A 19971126

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6314521	B1	EN	11	3	

Digital certificate configuration for printer, involves comparing decrypted and non-encrypted messages transmitted from **network** and IP addresses

Original Titles:

Secure configuration of a digital certificate for a printer or other **network** device.

Alerting Abstract ...NOVELTY - A message containing unique **identifier**, IP address of a **network** device and request for digital certificate in encrypted form and non-encrypted form, is sent to a **server**. The **server** compares message decrypted by secret key being determined by non-encrypted **identifier** with non-encrypted message, and IP address, from which the message is received and IP address in the message, for transmitting digital certificate....Computer system; Computer program for digital certificate configuration for **network** device

...

...USE - For secure configuration of digital certificate for **network** devices such as printer, **facsimile**, modem, **personal digital assistant** (PDA) **cellular telephone** in Internet environment, etc.

Title Terms.../Index Terms/Additional Words: **NETWORK**;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...This key is also recorded in a database, securely controlled by a certificate authority, and the key is associated with the printer by model and **serial number**. The printer sends a message requesting a digital certificate to the certificate authority. In the message request, the printer sends the model number and **serial number** of the printer in the clear, i.e., not encrypted, which is needed by the certificate authority to look up the unique encryption key in...

Claims:

A computer system having a database, the computer system comprising: means for receiving a secret key and a correspondence unique identification number of a network device from an entity responsible for embodying the secret key into the network device; means for storing the secret key and the corresponding unique identification number in the database; means for receiving a two-part message from the network device requesting a digital certificate wherein a first part of the message includes the unique identification number and the second part of the message is an encryption of the first part of the message encrypted by the network device using the embodied secret key; means for accessing the database to find the secret key associated with the unique identification number from the first part of the message; means for decrypting the second part of the message using the secret key from the database; means for comparing the decrypted second part of the message with the first part of the message; and means for sending to the network device an encrypted digital certificate which includes a public key and an encrypted new private key if the decrypted part of the message matches the first part of the message.

11/3,K/27 (Item 27 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0011208336 - Drawing available
 WPI ACC NO: 2002-147098/200219
 XRPX Acc No: N2002-111511

Inherited information modification method for computer operating system, involves recalculating related object portions that are to be modified and modifying related object using recalculated portions
 Patent Assignee: MICROSOFT CORP (MICT); STRAUBE D (STRA-I); WILLIAMS T (WILL-I)

Inventor: STRAUBE D; WILLIAMS T
 Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020002557	A1	20020103	US 1998157728	A	19980921	200219 B
US 6446077	B2	20020903	US 1998157728	A	19980921	200260 E

Priority Applications (no., kind, date): US 1998157728 A 19980921

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20020002557	A1	EN	11	5		

Alerting Abstract ...USE - For modifying information inherited between objects in computer operating system used in hand-held devices, multiprocessor system, microprocessor-based programmable consumer electronics, network PCs, minicomputers, mainframe computers, etc.

...

...ADVANTAGE - Propagates changes in each directory without generating a replication message for each object and hence network traffic is greatly reduced.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...security descriptor propagation transactions which write new security descriptors are mutually exclusive. A new data structure for the propagation queue comprises a table having a unique, incrementing number representing an order, an identifier of the node to begin on, a flag indicting whether the item may be trimmed a client id, an order index used to find the next element in the queue and a trim index which tracks all trimmable nodes...

...security descriptor propagation transactions which write new security descriptors are mutually exclusive. A new data structure for the propagation queue comprises a table having a unique, incrementing number representing an order, an identifier of the node to begin on, a flag indicting whether the item may be trimmed a client id, an order index used to find the next element in the queue and a trim index which tracks all trimmable nodes.

Claims:

11/3,K/28 (Item 28 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0011051132 - Drawing available

WPI ACC NO: 2001-343361/200136

XRPX Acc No: N2001-248660

Payment transaction involves including terminal identifier in transaction identification, passing transaction identification entered by customer to terminal

Patent Assignee: SWISSCOM MOBILE AG (SWIS-N)

Inventor: LAUPER E; RITTER R

Patent Family (7 patents, 88 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2001031594	A1	20010503	WO 1999CH503	A	19991025	200136	B
AU 199961854	A	20010508	AU 199961854	A	19991025	200149	E
			WO 1999CH503	A	19991025		
EP 1145200	A1	20011017	EP 1999948640	A	19991025	200169	E
			WO 1999CH503	A	19991025		
EP 1145200	B1	20030205	EP 1999948640	A	19991025	200318	E
			WO 1999CH503	A	19991025		
DE 59904253	G	20030313	DE 59904253	A	19991025	200320	E
			EP 1999948640	A	19991025		
			WO 1999CH503	A	19991025		
ES 2192399	T3	20031001	EP 1999948640	A	19991025	200376	NCE
US 6934689	B1	20050823	WO 1999CH503	A	19991025	200556	E
			US 2000701288	A	20001128		

Priority Applications (no., kind, date): WO 1999CH503 A 19991025

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2001031594	A1	DE	28	1		
National Designated States,Original:					AE AL AM AT AU AZ BA BB BG BR BY CA	
					CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE	
					KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU	
					SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW	
Regional Designated States,Original:					AT BE CH CY DE DK EA ES FI FR GB GH	
					GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW	
AU 199961854	A	EN			PCT Application	WO 1999CH503
					Based on OPI patent	WO 2001031594
EP 1145200	A1	DE			PCT Application	WO 1999CH503
					Based on OPI patent	WO 2001031594
Regional Designated States,Original:					AL AT BE CH CY DE DK ES FI FR GB GR	
					IE IT LI LT LU LV MC MK NL PT RO SE SI	
EP 1145200	B1	DE			PCT Application	WO 1999CH503
					Based on OPI patent	WO 2001031594
Regional Designated States,Original:					AL AT BE CH CY DE DK ES FI FR GB GR	
					IE IT LI LT LU LV MC MK NL PT RO SE SI	
DE 59904253	G	DE			Application	EP 1999948640
					PCT Application	WO 1999CH503
					Based on OPI patent	EP 1145200
					Based on OPI patent	WO 2001031594
ES 2192399	T3	ES			Application	EP 1999948640
					Based on OPI patent	EP 1145200
US 6934689	B1	EN			PCT Application	WO 1999CH503
					Based on OPI patent	WO 2001031594

Payment transaction involves including terminal identifier in transaction identification, passing transaction identification entered by customer to terminal

Alerting Abstract ...involves a service center payment terminal determining a total to be paid and a transaction identification and informing the customer, who enters them into the mobile device. The terminal identifier is included in the transaction identification to enable the relevant terminal to be identified and the transaction identification entered by the customer is transferred to... ..be paid for a transaction and an associated transaction identification and informing the customer of the amount and identification, which the customer enters into the mobile device (1). The terminal identifier is included in the transaction identification to enable the relevant terminal to be identified and the transaction identification entered by the customer is transferred to the payment terminal identified by the payment terminal identifier via a contactless interface (11). INDEPENDENT CLAIMS are also included for the following: a payment transaction system...

...USE - For transacting payments between a customer with a mobile device and a service center, especially for service centers with several payment terminals and several customers with mobile devices

...

...1 mobile device

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The invention relates to a method and system for transacting payments, according to which payment transactions are carried out between customers with portable mobile devices (1), for example mobile radio telephones and several payment terminals (2) in a service centre (5). The payment terminal (2) charged with the payment transaction informs the customer of the total amount of the transaction and the transaction identification of the payment transaction, the latter containing a payment terminal identification. The mobile device (1) transmits the transaction identification, input by the customer into said mobile device (1), via a contactless device interface (11) to the payment terminal (2) identified in the payment terminal identification. Upon receipt of the transaction identification, the payment terminal (2) transmits...

...request, containing the service centre identification, the payment terminal identification and the total amount of the transaction, via its contactless device interface (21) to the mobile device (1). A payment advice, containing the payment request and a customer identification is then prepared in the mobile device (1) and is transmitted from said device (1) via the contactless device interface (11) to the payment terminal (2).

...Payment transaction method and payment transaction system in which payment transactions between customers with portable mobile devices, for example mobile radio telephones, and a plurality of payment terminals are carried out at a service point, the payment terminal responsible for a payment transaction informing a respective customer about the total transaction amount and the transaction identification of the payment transaction, the transaction identification comprising a payment terminal identification, the mobile device transmitting, via a contactless device interface, the transaction identification, entered in the mobile device by the customer, to the payment terminal, identified through the payment terminal identification, the payment terminal transmitting, after receipt of the transaction identification, a payment request comprising a service point identification, the payment terminal identification and the total transaction amount, via the contactless device interface to the mobile device, and a payment record which comprises the payment request and a customer identification, being prepared in the mobile device and being transmitted from the mobile device via the contactless device interface to the payment terminal.

...

...The invention relates to a method and system for transacting payments, according to which payment transactions are carried out between customers with portable mobile devices (1), for example mobile

radio telephones and several payment terminals (2) in a service centre (5). The payment terminal (2) charged with the payment transaction informs the customer of the total amount of the transaction and the transaction identification of the payment transaction, the latter containing a payment terminal identification. The mobile device (1) transmits the transaction identification, input by the customer into said mobile device (1), via a contactless device interface (11) to the payment terminal (2) identified in the payment terminal identification. Upon receipt of the transaction identification, the payment terminal (2) transmits a payment request, containing the service centre identification, the payment terminal identification and the total amount of the transaction, via its contactless device interface (21) to the mobile device (1). A payment advice, containing the payment request and a customer identification is then prepared in the mobile device (1) and is transmitted from said device (1) via the contactless device interface (11) to the payment terminal (2).

...

...L'invention concerne un systeme et un procede de transaction de paiement, selon lesquels des transactions de paiement sont effectuees entre un client possedant un appareil mobile portable (1), par exemple un telephone mobile, et plusieurs terminaux de paiement (2) dans une centrale de service (5). Le terminal de paiement (2) charge d'une transaction de paiement informe le client concerne au sujet de la somme totale de la transaction et de l'identification de la transaction, cette derniere comportant une identification de terminal de paiement. L'appareil mobile (1) transmet au moyen d'une interface appareil sans contact (11) l'identification de transaction entree par le client dans l'appareil mobile (1) au terminal de paiement (2) identifie par l'identification de terminal de paiement. Apres reception de l'identification de transaction, le terminal de paiement (2) transmet une demande de paiement comportant une identification de centrale de service, l'identification de terminal de paiement, et...

...moyen de l'interface appareil sans contact (21). Dans l'appareil mobile (1), une attestation de paiement comportant la demande de paiement et une identification client, est preparee, et envoyee par l'appareil mobile (1) au terminal de paiement (2) au moyen de l'interface appareil sans contact (11).

Claims:

...Payment transaction method between a customer with a portable mobile device (1) and a service point (5), in which payment transaction method a payment terminal (2) of the service point (5) determines a total transaction amount to be paid and a transaction identification assigned to this total transaction amount, the payment terminal (2), during determination of the transaction identification, adds a payment terminal identification to the transaction identification, which payment terminal identification makes it possible to identify the respective payment terminal (2) from a...

...is informed about the total transaction amount and the transaction identification, and in which payment transaction method the customer enters the transaction identification into the mobile device (1),
the mobile device (1) transmits, via a contactless device

interface (11), the transaction identification, entered by the customer, to the payment terminal (2) identified by the payment terminal identification, the payment terminal (2), after receipt of the transaction identification, transmits a payment request, which comprises at least one service point identification, the payment terminal identification and the total transaction amount, via the contactless device interface (21) to the mobile device (1), and in the mobile device (1) a payment record is prepared, which contains a linking of the payment request to a customer identification of the customer, and is transmitted from the mobile device (1) via the contactless device interface (11) to the payment terminal (2).

Procède de transaction de paiement entre un client avec un peripherique mobile portable (1) et une agence (5), procede de transaction de paiement dans lequel un terminal de paiement (2) de l'agence prestataire (5) determine un montant total de transaction a payer et une identification de transaction associee a ce montant total de transaction, le terminal de paiement...

...une identification de terminal de paiement dans l'identification transactionnelle lors de la determination de l'identification transactionnelle, identification de terminal de paiement permettant d'identifier parmi plusieurs terminaux de paiement (3) existant a l'etablissement prestataire (5) le terminal de paiement considere (2), caracterise en ce que le client est informe du montant total transactionnel et de l'identification de transaction et procede de transaction de paiement dans lequel le client saisit l'identification de transaction dans le peripherique mobile (1), caracterise en ce que le peripherique mobile (1) transmet l'identification transactionnelle saisie par le client par une interface de peripherique sans contact (11) au terminal de paiement (2) identifie par l'identification de terminal de paiement, en ce que le terminal de paiement (2) transmet au peripherique mobile (1), par le biais d'une interface de peripherique sans contact (21) apres la reception de l'identification transactionnelle, un ordre de paiement qui...

...montant total de transaction et
 en ce qu'un justificatif de paiement qui comprend l'association de l'ordre de paiement a une identification du client, est prepare dans le peripherique mobile (1) et est transmis par le peripherique mobile (1) au moyen de l'interface de peripherique sans contact (11) au terminal de paiement (2).

...

...11. A method for performing a payment transaction, comprising:inputting a transaction identification into a mobile device, the transaction identification including a payment terminal identification identifying a payment terminal;extracting the payment terminal identification from the transaction identification;transmitting via contactless communication the transaction identification from the mobile device directly to the payment terminal based on the payment terminal identification;preparing a payment request in the payment terminal based on the transaction identification, the payment request including the payment terminal identification;transmitting via contactless communication the payment request from the payment terminal

directly to the mobile device; and accepting the payment transaction by preparing a payment record in the mobile device based on the received payment request, and transmitting via contactless communication the payment record from the mobile device directly to the payment terminal.

11/3,K/29 (Item 29 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0010998955 - Drawing available
 WPI ACC NO: 2001-624078/200172
 Related WPI Acc No: 1996-518973; 1998-446611; 1998-609839; 2000-195386;
 2000-270215; 2000-672450; 2001-091252
 XRPX Acc No: N2001-464902
 Positive identification system for efficiently processing check or other non-cash financial transaction, e.g. credit card, at identification terminal, has remote individual record database storing identification image
 Patent Assignee: IMAGE DATA LLC (IMAG-N)
 Inventor: HOENISCH I P; HOUVENER R C; SCHAPPLER J
 Patent Family (1 patents, 1 countries)
 Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6202055	B1	20010313	US 1995436146	A	19950508	200172 B
			US 1996700815	A	19960821	
			US 1997967768	A	19971110	

Priority Applications (no., kind, date): US 1995436146 A 19950508; US 1996700815 A 19960821; US 1997967768 A 19971110

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6202055	B1	EN	22	13	C-I-P of application US 1995436146
					C-I-P of application US 1996700815
					C-I-P of patent US 5657389
					C-I-P of patent US 5832464

Positive identification system for efficiently processing check or other non-cash financial transaction, e.g. credit card, at identification terminal, has remote individual record database storing identification image

Alerting Abstract DESCRIPTION - The system has also a communications link between the terminal (1) and the remote database site, and a remote database server that builds transaction records. A magnetic strip reader (4) or check scanner (4'') may be used for data input...

...54 Personal data

Original Publication Data by Authority

Argentina

Assignee name & address:
 Original Abstracts:

...images and the physical appearance of the person tendering the check. The person tasked with verifying the identity of the person initiating the transaction inputs identifier specific data into the point of identification terminal to indicate that at least one of the displayed digital images matches the appearance of the person initiating the transaction. The identifier specific data is then transmitted to the remote database site where it is stored, along with the account number and other transaction data as a...

Claims:

...point of identification terminal with said remote database site to interchange identifying information, financial account data and financial transaction data between the two; a database server at said remote database site for correlating said financial transaction data with said digital photographic images and financial account data to build transaction records, each said transaction record including financial transaction data associated with a...

11/3,K/30 (Item 30 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010991120 - Drawing available

WPI ACC NO: 2001-615965/200171

XRFX Acc No: N2001-459512

User identification method in computer system, involves enabling communication between mobile station and computer system if two one-time passwords which are generated match with each other

Patent Assignee: NOKIA MOBILE PHONES LTD (OYNO)

Inventor: ALLAHWERDI N; HIPPELAEINEN L

Patent Family (4 patents, 92 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2001031840	A1	20010503	WO 2000FI928	A	20001026	200171 B
AU 200111485	A	20010508	AU 200111485	A	20001026	200171 E
FI 199902343	A	20010430	FI 19992343	A	19991029	200171 E
US 6928558	B1	20050809	US 2000698774	A	20001027	200552 E

Priority Applications (no., kind, date): FI 19992343 A 19991029

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2001031840	A1	EN	27	3		

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA US UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200111485 A EN Based on OPI patent WO 2001031840

Alerting Abstract ...NOVELTY - An one-time password is generated in mobile station (100) using algorithm based on user PID, subscriber specific identifier, international mobile equipment identifier (IMEI) and time. Encoded password and subscriber identifier are sent to user authentication server (144). Another one-time password is generated

based on PID, IMEI, subscriber identifier and time. Communication between mobile station and computer is enabled on passwords match.... password is generated in mobile station without any action by the user by using known algorithm on the basis of PID of user, subscriber specific identifier read from subscriber specific identification module of the mobile station, device identifier (IMEI) of the mobile station and time. The password and the subscriber specific identifier are encoded and transmitted to authentication server of the computer system (102). User is identified at the authentication server on the basis of the subscriber specific identifier. A database for the PID of the user is searched. Another one-time password is generated at the authentication server by using preset algorithm on the basis of PID of the user, subscriber specific identifier, IMEI of mobile station and time. Both passwords are compared and if they match, telecommunication connection between the mobile station and the computer system is...

...144 Authentication server

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...first one-time password in the mobile station by utilizing a known algorithm on the basis of the identification number of the user, subscriber-specific identifier, device-specific identifier of the mobile station, and time. The password obtained and the subscriber-specific identifier of the user are encoded and transmitted to an authentication server of the computer system, comprising identifying the user on the basis of the subscriber-specific identifier, searching a database for the personal identifier number of the user and the device-specific identifier of the mobile station associated with the user, generating a second password at the authentication server by utilizing the same predetermined algorithm on the basis of the personal identification number of the user, subscriber-specific identifier, device-specific identifier of the mobile station and time, comparing the first and the second passwords with each other at the authentication server, and if the passwords match, enabling the telecommunication connection between the mobile station and the computer system...

...first one-time password in the mobile station by utilizing a known algorithm on the basis of the identification number of the user, subscriber-specific identifier, device-specific identifier (IMEI) of the mobile station, and time. The password obtained and the subscriber-specific identifier of the user are encoded and transmitted to an authentication server (144) of the computer system (102), comprising identifying the user on the basis of the subscriber-specific identifier, searching a database for the personal identifier number of the user and the device-specific identifier of the mobile station associated with the user, generating a second password at the authentication server by utilizing the same predetermined algorithm on the basis of the personal identification number of the user, subscriber-specific

identifier, device-specific identifier of the mobile station and time, comparing the first and the second passwords with each other at the authentication server, and if the passwords match, enabling the telecommunication connection between the mobile station (100) and the computer system (102)..

...L'invention concerne un dispositif et un procede permettant d'identifier de maniere fiable un utilisateur dans un systeme informatique (102). Le procede, qui utilise une station mobile (100) pour communiquer avec le systeme, consiste a creer un premier mot de passe unique dans la station mobile au moyen d'un algorithme connu, sur la base du numero d'identification de l'utilisateur, de l'indicatif abonne, de l'indicatif dispositif de la station mobile et de l'heure. Le mot de passe obtenu et...

Claims:

...personal identification number of the user, the personal identification number supplied into the mobile station enables the user to use the mobile station, subscriber-specific identifier read from a subscriber-specific identification module of the mobile station, device-specific identifier of the mobile station and time, encoding the first one-time password and the subscriber-specific identifier of the user at the mobile station, transmitting the encoded password and subscriber-specific identifier to an authentication server of the computer system, identifying the user at the authentication server on the basis of the subscriber-specific identifier, and searching a database for the personal identifier number of the user and the device-specific identifier of the mobile station associated with the user, generating a second one-time password at the authentication server by utilizing the predetermined algorithm on the basis of the personal identification number of the user, subscriber-specific identifier, device-specific identifier of the mobile station and time, comparing the first password and the second password with each other at the authentication server, and if the passwords match, enabling the telecommunication connection between the mobile station of the user and the computer system.

11/3,K/32 (Item 32 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010971094 - Drawing available
WPI ACC NO: 2001-594877/200167
XRPX Acc No: N2001-443204
Flight management updating system for air transport industry, controls uploading of database files to aircraft over spread spectrum communication signal based on aircraft tail number identifier
Patent Assignee: HARRIS CORP (HARO)
Inventor: DELPAK R; WRIGHT T H
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
US 6173159 BI 20010109 US 1999344902 A 19990625 200167 B

Priority Applications (no., kind, date): US 1999344902 A 19990625

Patent Details

Number	Kind	Lang	Pg	Dwg	Filing	Notes
US 6173159	B1	EN	33	16		

Flight management updating system for air transport industry, controls uploading of database files to aircraft over spread spectrum communication signal based on aircraft tail number identifier

Alerting Abstract ...files to computer. Transceiver has transmitter to upload files to aircraft with specific tail number on spread spectrum communication signal based on aircraft tail number identifier. ...
ADVANTAGE - Supports multiple air applications like flight safety, engineering and maintenance and passenger services and enhances scheduling maintenance. Enables mobile units to use location information to control transmit power and frequency. GDL network acts as wireless repeaters and provides sufficient bandwidth to accommodate needs of different airlines. Improves communication range of network by reduction in data rate. Extends time available to transfer files by adding air-to-ground capability which lessens impact of multipath interference...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...to obtain flight performance data. A transmitter transmits flight navigation database files to the aircraft over a second spread spectrum communication signal based on a unique tail number identifier.

Claims:

...data received from flight navigation database files to a plurality of aircraft navigation and operational components located throughout the aircraft, wherein the aircraft has a unique tail number identifier; a ground data link unit that obtains flight performance data representative of aircraft flight performance during flight of the aircraft and updates flight navigation database files to the flight...

...database files for uploading to the aircraft having a specific tail number over a second spread spectrum communication signal based on an aircraft tail number identifier.>

11/3,K/33 (Item 33 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010927971 - Drawing available

WPI ACC NO: 2001-549962/200161

Related WPI Acc No: 2001-581663; 2002-237813; 2002-237931; 2002-238059;

2002-489094; 2006-162348; 2006-575965; 2006-634154

XPFX Acc No: N2001-408547

Messaging system for communicating messages in a client server

environment over one or more wireless networks, uses applications in clients and server and protocol gateways supporting each of the wireless network protocols
 Patent Assignee: AETHER SYSTEMS INC (AETH-N)
 Inventor: BONEFAS R G; CLUBB K; EDWARDS D J; SOBCHAK R K; SUTTON L; ZOMBEK J M

Patent Family (4 patents, 92 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2001056251	A2	20010802	WO 2000US35478	A	20001229	200161 B
AU 200129144	A	20010807	AU 200129144	A	20001229	200174 E
US 6704768	B1	20040309	US 2000494553	A	20000131	200418 E
			US 2000707960	A	20001108	
AU 2001229144	A8	20050915	AU 2001229144	A	20001229	200569 E

Priority Applications (no., kind, date): US 2000494553 A 20000131; US 2000234234 A 20001024; US 2000707960 A 20001108

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2001056251	A2	EN	115	9		

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200129144	A	EN			Based on OPI patent	WO 2001056251
US 6704768	B1	EN			C-I-P of application	US 2000494553
AU 2001229144	A8	EN			Based on OPI patent	WO 2001056251

Messaging system for communicating messages in a client server environment over one or more wireless networks, uses applications in clients and server and protocol gateways supporting each of the wireless network protocols

Original Titles:

Method and apparatus for sending and receiving client-server messages over multiple wireless and wireline networks
 ...

...System, method and computer program product for providing server discovery services during a startup sequence...

...A MESSAGING METHOD AND APPARATUS FOR SENDING AND RECEIVING MESSAGES IN A CLIENT SERVER ENVIRONMENT OVER MULTIPLE WIRELESS AND WIRELINE NETWORKS
 ...

...PROCEDE ET APPAREIL DE MESSAGERIE POUR ENVOYER ET RECEVOIR DES MESSAGES DANS UN ENVIRONNEMENT CLIENT-SERVEUR SUR PLUSIEURS RESEAUX SANS FIL ET PAR FIL

Alerting Abstract ...NOVELTY - The messaging system includes client devices (112a-112c) and server (142) all including applications to support communication using a variety of wireless networks. The system also includes protocol gateways (116a-116c) encapsulating a

fundamental network protocol which underlies each of the one or more wireless network protocols and through which the client and server communicate....A method of communicating a message between a client device and a server; (A client-server environment; (A method of deploying content from one of a plurality of servers, through a message router and over a wireless network to a client application; (A method of authenticating a request for service from a client application.

...

...USE - For use in communications, particularly for messaging between client devices and servers over multiple wireless networks that use different access protocols.

...

...mechanisms to reduce the amount of information that needs to be sent over the air. By supporting seamless integration of information sources with multiple wireless networks and client devices, the system provides protection against technology obsolescence, as such it provides reliable data transfer, while optimizing bandwidth constraint of wireless data services and providing end-to-end security and allowing system growth by incorporating the new devices and wireless network technologies as they become available without the need to modify client and server applications.

Title Terms.../Index Terms/Additional Words: CLIENT; ...

...NETWORK; ...

...GATEWAY;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A system, method, and computer program product for providing discovery services for servers during a startup sequence can include powering on a server in a domain; creating a listener socket for the server to accept coupling requests from other servers; registering server information for the server with a database; searching the database for other registered servers in the domain; establishing a couple to each of the other registered servers in the domain; and verifying validity of the couple to each of the other registered servers including performing a handshake. The server information registered with the database can include an IP address; a listener port; a domain; a version number; or a server type. Establishing can include: sending a couple message from a coupling server of the other registered servers; receiving the couple message by another server of the other registered servers; verifying a version number of the couple message; verifying that the couple message sent and received is a valid couple message; replying with a

reply message to the couple message; or verifying that the reply message contains a valid version number and server type. Alternatively, establishing can further include closing the couple if the version numbers are not valid; closing the couple if the server type is not valid; or closing the couple if the reply message is not received within a predetermined amount of time. The method can also include registering a server identifier (ID), a service type, or a message type supported by the server. The server can be a back end server (BES); a proxy gateway (PG); a message router (MR); or an HTTP Proxy BES...

...A messaging system, method, and computer program product is disclosed, including a client device (112a, 112b, 112c) having stored therein a client application, which is adapted to be executed by the client device; a server (142) having stored therein a server application, which is adapted to be executed by the server; a plurality of wireless networks, each of which is adapted to communicate messages between the client device (112a, 112b, 112c) and the server (142); and support one or more wireless network protocols; a protocol gateway (116a, 116b, 116c) encapsulating a fundamental network protocol, which underlies each of the one or more wireless network protocols; and means for communicating a message between the client application and the server application, over a selected wireless network protocol through the protocol gateway (116a, 116b, 116c), independent of the selected wireless network protocol. The system can further include a message router (124) for routing the message between the protocol gateway (116a, 116b, 116c) and the server (142). The message router (124) can further include means for authenticating an origin of the message. The present invention can also include a multi-network transport programming interface, a software development toolkit (SDK), or a simple network transport layer (SNTL) that can enable client/server applications to be written easily, where such applications can allow client devices (112a, 112b, 112c) to communicate messages with server applications across multiple wireless and wire-line networks. Moreover, the present invention features methods of communicating such messages over wireless networks efficiently, without requiring significant bandwidth, a valuable resource in wireless networks.

...

...L'invention concerne un système de messagerie, un procédé et un progiciel, comprenant un dispositif client (112a, 112b, 112c) disposant en mémoire d'une application client, conçue pour être exécutée par le dispositif client; un serveur (142) ayant en mémoire une application serveur, conçue pour être exécutée par le serveur; plusieurs réseaux sans fil, chacun étant conçu pour assurer la communication de messages entre le dispositif client (112a, 112b, 112c) et le serveur (142); et pour supporter au moins un protocole de réseau sans fil; une passerelle de protocole (116a, 116b, 116c) encapsulant un protocole de réseau fondamental, sous-jacent aux protocoles de réseaux sans fil; et des moyens de communications de messages entre les applications client et serveur, par un protocole de réseau sans fil

choisi par le biais de la passerelle de protocole (116a, 116b, 116c), independante du protocole de reseau sans fil choisi. Le systeme peut en outre comporter un routeur de message...

...multiples, une boite a outils de creation de logiciels (SDK), ou une simple couche transport de reseau (SNTL) qui permet d'ecrire aisement des applications client/serveur, lesquelles applications peuvent permettre aux dispositifs clients (112a, 112b, 112c) d'echanger des messages avec des applications serveur sur des reseaux sans fil et par fil. De plus, l'invention concerne des procedes permettant d'envoyer de tels messages de maniere efficace sur des reseaux sans Claims:

What is claimed is:1. A method of providing discovery services for servers during a startup sequence comprising:(a) powering on a server in a domain;(b) creating a listener socket for said server to accept coupling requests from other servers;(c) registering server information for said server with a database;(d) searching said database for other registered servers in said domain to identify other registered servers of a type different than a type of said server ;(e) establishing a couple to each of said other registered servers in said domain; and(f) verifying validity of said couple to each of said other registered servers including performing a handshake.

11/3,K/34 (Item 34 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010815598 - Drawing available

WPI ACC NO: 2001-432384/200146

Related WPI Acc No: 2000-317244; 2000-317249; 2001-327864; 2001-327865;

2001-335371; 2001-367257; 2001-397392; 2001-451202; 2001-476065;
2001-514140; 2001-514147; 2001-521486; 2001-521512; 2001-521525;
2001-522236; 2001-536489; 2001-580574; 2001-611117; 2001-616749;
2001-625505; 2001-638736; 2001-656674; 2001-662763; 2002-034684;
2002-041651; 2002-106333; 2002-114373; 2002-121571; 2002-121767;
2002-226483; 2002-226665; 2002-240862; 2002-526198; 2003-828785;
2004-189755; 2004-212315; 2004-447474; 2004-532470; 2004-666226;
2004-819826; 2005-009907; 2005-072256; 2005-090153; 2005-131483;
2005-210989; 2005-240037; 2005-281919; 2005-282998; 2005-403067;
2005-423946; 2005-617392; 2005-755854; 2005-777251; 2006-600776;
2007-410578; 2007-581776; 2007-673772; 2008-A33155; 2008-B92949;
2008-C35779; 2008-G48713; 2008-G48948; 2008-H29662; 2008-H42731;
2008-L71243; 2008-O18696; 2009-B53012

On-line transaction conducting method involves inserting personal information of user into vendor payment form, for presentation to user

Patent Assignee: DIGITAL CONVERGENCE CORP (DIGI-N); DIGITALCONVERGENCE.COM INC (DIGI-N)

Inventor: MATHEWS D K; PHILYAW J J

Patent Family (3 patents, 92 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2001015034	A1	20010301	WO 2000US21138	A	20000803	200146 B

AU 200063975	A	20010319	AU 200063975	A	20000803	200146	E
TW 494334	A	20020711	TW 2000116672	A	20000817	200328	E

Priority Applications (no., kind, date): US 1999378221 A 19990819; US 1999382422 A 19990824

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2001015034	A1	EN	68	33		

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200063975	A	EN			Based on OPI patent	WO 2001015034
TW 494334	A	ZH				

On-line transaction conducting method involves inserting personal information of user into vendor payment form, for presentation to user

Original Titles:

UNIQUE ID FOR IDENTIFYING A USER AND FACILITATING AN E-COMMERCE TRANSACTION...

...IDENTIFICATION UNIQUE PERMETTANT D'IDENTIFIER UN UTILISATEUR ET DE FACILITER UNE TRANSACTION DE COMMERCE ELECTRONIQUE

Alerting Abstract ...NOVELTY - A barcode is issued in response to transmission of user form on network. The barcode is provided for purchase of a product of a vendor location. Personal information of user is provided to the vendor location, and is automatically inserted into a vendor payment forms for presentation to user on completion of transaction...ADVANTAGE - Enables automatically inserting personal information into vendor payment form...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A method of conducting an on-line transaction. A user at a PC (302) of a first location completes a personal information sheet and transmits it across a secure network (2708) to a central registration server (2704) at a second location also disposed on the network (306). The central registration server (2704) transmits a unique bar code and associated unique ID back to the user PC (302) at the first location, in response to the user sending the completed personal information sheet to the registration server (2704). When the user accesses a vendor server (2700) disposed on the network (306) for the purchase of products and/or services, the user transmits the bar code to the vendor server (2700) when prompted to complete a vendor payment form. The vendor server (2700) sends the bar code to the central registration server (2704) where the bar code is matched to the user personal information.

The personal information is returned to the vendor server (2700) and automatically inserted into the vendor payment form. The vendor server then processes the transaction according to the credit information provided. Some or all fields of the vendor payment form are inserted with encoded personal information depending upon the user selecting a standard or invisible mode of payment, respectively. The payment form is then presented to the user at the user...

...serveur d'enregistrement central (2704), en un second lieu également situe sur le reseau (306). Le serveur d'enregistrement central (2704) transmet un code barres unique et une identification unique associee en retour au PC de l'utilisateur (302) au premier lieu, en reponse a l'utilisateur qui a envoye la fiche d'information...

Claims:

11/3,K/35 (Item 35 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.

0010782087 - Drawing available

WPI ACC NO: 2001-397076/200142

XRPX Acc No: N2001-292578

Telephone controller for voice over internet protocol, searches stored table showing relation between telephone identifiers including domain name of controller, identification information, and private IP address

Patent Assignee: KOBAYASHI Y (KOBAYASHI); NEC CORP (NIDE); NEC INFRONTIA CORP (NIDE); NITTSUKO KK (NITT-N)

Inventor: KOBAYASHI Y

Patent Family (8 patents, 4 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20010004361	A1	20010621	US 2000738981	A	20001220	200142 B
AU 200072332	A	20010628	AU 200072332	A	20001218	200142 E
CA 2328840	A1	20010621	CA 2328840	A	20001219	200142 E
JP 2001177557	A	20010629	JP 1999362852	A	19991221	200152 E
CA 2328840	C	20040608	CA 2328840	A	20001219	200438 E
JP 3576906	B2	20041013	JP 1999362852	A	19991221	200467 E
AU 777233	B2	20041007	AU 200072332	A	20001218	200480 E
US 7103032	B2	20060905	US 2000738981	A	20001220	200660 E

Priority Applications (no., kind, date): JP 1999362852 A 19991221; US 2000738981 A 20001220

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20010004361	A1	EN	13	9	
CA 2328840	A1	EN			
JP 2001177557	A	JA	14		
CA 2328840	C	EN			
JP 3576906	B2	JA	21		Previously issued patent JP 2001177557
AU 777233	B2	EN			Previously issued patent AU 200072332

Telephone controller for voice over internet protocol, searches stored table showing relation between telephone identifiers including domain name of controller, identification information, and private IP address

Original Titles:

TELEPHONE COMMUNICATION EQUIPMENT CONNECTABLE TO INTERNET NETWORK,
MAIN TELEPHONE CONTROLLER AND METHOD FOR MANAGING IP ADDRESS...

Alerting Abstract ...connected to internet (2). Control circuit (110) controls communication between telephones allocated with private IP address, by searching a table (131) showing relation between telephone identifier including domain name of controller, identification information, and private IP address....USE - For controlling several telephones connected to internet through local area network for voice over internet protocol (VoIP...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...the plurality of telephones and the Internet using the private IP addresses, wherein the ID includes a domain name of the telephone controller and identification information.

Claims:

What is claimed is: 1. A telephone controller controlling a plurality of telephones connected to the Internet via a LAN (Local Area Network), said telephone controller comprising: an IP (Internet Protocol) address allocating circuit which allocates a private IP address to each of the plurality of telephones; a memory in which a table indicating a correspondence between IDs (Identifier) of the plurality of telephones and the private IP addresses is stored; and a control circuit which controls communication between the plurality of telephones and the Internet using the private IP addresses, wherein the ID includes a domain name of said telephone controller and identification information.

...

...What is claimed is: 1. A telephone controller controlling a plurality of telephones connected to the Internet via a LAN (Local Area Network), said telephone controller allowing an external telephone connected to the Internet to make a direct call to a telephone in the LAN comprising: an IP (Internet Protocol) address allocating circuit which allocates a private IP address to each of the plurality of telephones; a memory in which a table indicating a correspondence between IDs (Identifier) of the plurality of telephones and corresponding ones of the private IP addresses is stored; and a control circuit which controls communication between the plurality of telephones and the Internet using the private IP addresses, wherein each of the IDs includes a global domain name registered on the Internet of said telephone controller and identification information composed of a user name and an extension telephone number of the telephone,

wherein said memory further stores therein a table indicating a correspondence among an ID, a private IP address, an extension telephone number, and a user name, and wherein said control circuit, in response to a registration request message including...
...via the Internet, searches said table with the identification information to obtain the private IP address, and executes communication between a telephone to which the private IP address is allocated and the Internet.

11/3,K/36 (Item 36 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.

0010723801 - Drawing available
WPI ACC NO: 2001-335270/200135
XRPX Acc No: N2001-242013
Target software program registering method for personal computer, involves generating unlock key after checking validity of registrant data comprising public serial number
Patent Assignee: FIREPAD INC (FIRE-N)
Inventor: MITCHELL W E
Patent Family (2 patents, 90 countries)
Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2000075760	A1	20001214	WO 2000US40137	A	20000607	200135 B
AU 200053345	A	20001228	AU 200053345	A	20000607	200135 E

Priority Applications (no., kind, date): US 1999137885 P 19990607; US 1999170047 P 19991210

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2000075760	A1	EN	23	3		

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
AU 200053345 A EN Based on OPI patent WO 2000075760

Target software program registering method for personal computer, involves generating unlock key after checking validity of registrant data comprising public serial number

Alerting Abstract ...NOVELTY - Registrant data (102) associated with user and/or a target computing device of user, is validated by determining whether the public serial number (203) in the registrant data has previously being used for maximum number of times. An unlock key (104) for target software program, is derived based...
USE - For registering and unlocking software programs for personal computers (PCs), personal digital assistant (PDAs) and other types of target computing devices...

...ADVANTAGE - By checking validity of registrant data comprising public

serial number that are not sequentially and are difficult for pirate to derive without key, usage of particular license or copy of the target software program can...

...203 Public serial number

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...about a target computing device of the user. The keys are generated by a registrar system, which may be implemented, for example, as an Internet server of a software seller or distributor. Registrant data is initially collected from the user, and/or from a computing device of the user, and is transmitted the registrar system. The registrant data preferably includes (1) a registrant identifier, which may be derived from or contain a username associated with the target device, a unique serial number of the target device, and/or another appropriate identifier of the user or the target device; (2) information about the user, such as the user's name and email address, and (3) a public serial number provided to the user with or in connection with the target software. When the registrar system receives a new registration request, the system initially determines whether some or all of the registrant data is valid. As part of this process, the registration system preferably determines whether the public serial number has been used a maximum number of times. If the registration information is valid, the registrar system generates and returns a key that is specific to the registrant data (and particularly the registrant identifier), and the key is installed on the target device. The target software determines whether the key is valid by determining whether the key corresponds to the registrant identifier (and possibly other registrant data...

Claims:

11/3,K/37 (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010705520 - Drawing available
WPI ACC NO: 2001-315913/200133
Related WPI Acc No: 2000-647092
XRPX Acc No: N2001-227110

Establishing communications links to communications terminal involves automatic or user-controlled use of call number associated with stored identifier

Patent Assignee: DETEMOBIL DEUT TELEKOM MOBILNET GMBH (DEBP)

Inventor: KELLER W

Patent Family (3 patents, 91 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2001008391	A1	20010201	WO 2000DE2455	A	20000725	200133 B
AU 200066851	A	20010213	AU 200066851	A	20000725	200134 E

EP 1201073 A1 20020502 EP 2000954369 A 20000725 200236 E
WO 2000DE2455 A 20000725

Priority Applications (no., kind, date): DE 19934145 A 19990726

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2001008391	A1	DE	22	2		

National Designated States, Original: AE AL AM AT AU AZ BA BB BG BR BY CA
CH CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH
GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200066851 A EN Based on OPI patent WO 2001008391

EP 1201073 A1 DE PCT Application WO 2000DE2455

Based on OPI patent WO 2001008391

Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR
IE IT LI LT LU LV MC MK NL PT RO SE SI

Establishing communications links to communications terminal involves
automatic or user-controlled use of call number associated with stored
identifier

Alerting Abstract ...NOVELTY - The method involves using a server
(6) in or connected to a telecommunications network (3) and with at
least one link controller to the telecommunications network and
identifier registers with associated call number(s) or network
address(es) for an associated telecommunications device in the same or an
external network Link establishment involves automatic or
user-controlled use of the call number associated with a stored
identifier. ...ADVANTAGE - Enables a link to be established via
public or private communications networks to a communications device
even though the name of the subscriber or the number of the device is
unknown...

...3 mobile radio network

...

...6 identifier server

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...method for setting up communication links with a communication terminal,
preferably mobile, assigned to a vehicle or any other mobile or stationary
device, using a server device, to allocate and transfer the
call number or address specific to the communication network for
identification specific to the vehicle or to the device, for example
a motor vehicle number. The communication link is set up via public or
private communication networks, preferably mobile
telephone networks, with a communication
device assigned to a vehicle or to any other device, using a specific

identification allocated to the vehicle or the device, for example a motor vehicle...

...specific identification (motor vehicle number) being, preferably, used as part of the call number or address when the link is being established in the communication **network** and not identical with the assigned call number or address of the communication device forming part of the communication **network**.

...

...Erfindung betrifft ein Verfahren zur Herstellung von Kommunikationsverbindungen zu einer, einem Fahrzeug oder sonstigen mobilen oder ortsfesten Einrichtung zugeordneten, vorzugsweise mobilen Kommunikationsendeinrichtung unter Zuhilfenahme einer **Servereinrichtung** (6) zwecks Zuordnung und Umsetzung der telekommunikationsnetzspezifischen Rufnummer oder Adresse zur fahrzeug- oder einrichtungsspezifischen Kennzeichnung, beispielsweise der Kraftfahrzeugnummer, wobei die Herstellung einer Kommunikationsverbindung über öffentliche bzw. private Kommunikationsnetze, vorzugsweise Mobilfunknetze (3), zu einer, einem...

...method for setting up communication links with a communication terminal, preferably mobile, assigned to a vehicle or any other mobile or stationary device, using a **server device**, to allocate and transfer the call number or address specific to the **communication network** for identification specific to the vehicle or to the device, for example a motor vehicle number. The communication link is set up via **public or private communication networks**, preferably **mobile telephone networks**, with a communication device assigned to a vehicle or to any other device, using a specific identification allocated to the vehicle or the device, for example a motor vehicle number, said specific identification (motor vehicle number) being, preferably, used as part of the call number or address when the link is being established in the communication **network** and not identical with the assigned call number or address of the communication device forming part of the communication **network**.

Claims:

11/3,K/38 (Item 38 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.

0010638933 - Drawing available
WPI ACC NO: 2001-246156/200126
XRPX Acc No: N2001-175192
Subscriber line connection costs determining method for telecommunications **network esp telephone network** - involves comparing user identifier in voice/speech system with reference identifiers for allocation to a reference identifier
Patent Assignee: SIEMENS AG (STEI)
Inventor: MAIERHÖFER C
Patent Family (2 patents, 20 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
DE 19946444	A1	20010405	DE 19946444	A	19990928	200126 B
WO 2001024505	A2	20010405	WO 2000DE3317	A	20000922	200126 E

Priority Applications (no., kind, date): DE 19946444 A 19990928

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
DE 19946444	A1	DE	11	4		
WO 2001024505	A2	DE				

National Designated States,Original: CN US

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE

Subscriber line connection costs determining method for telecommunications network esp telephone network - ...

...involves comparing user identifier in voice/speech system with reference identifiers for allocation to a reference identifier

Original Titles:

...METHOD AND TELECOMMUNICATIONS NETWORK FOR ESTABLISHING CALL CHARGES...

Alerting Abstract ...A method of determining connection charges (costs) incurred by a subscriber (TE1-TE4) of a telecommunications network (NET) with a link established to at least one terminal (TEG) and a distant end (GEG) for the various subscribers (TE1-TE4). At least one switching centre (VE1-VE3) is provided for the network (NET) and at least one voice/speech system (SYS) is provided for speaker recognition and/or voice recognition...

...TE4) to a distant end (GEG), a link is also set up to the at least one voice/speech system (SYS), and a spoken user-identifier (BE1) is communicated from the subscriber to the speech system (SYS). The user-identifier is compared in the system (SYS) with reference identifiers (RE1-RE9), and when the user identifier is allocated to a reference identifier (RE1), access (ANS) to setting up the link to the distant end (GEG) is released. The line charges (costs) resulting from the link set up to the distant end are calculated for the subscriber assigned the reference identifier (RE1) and by means of the user-identifier (BE1...

...USE - Fixed-point and mobile phone networks.

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...The invention relates to a method and a telecommunications network (NET) for establishing call charges for the subscribers (TE1-TE4) of a

connection (ANS) to said network (NET). When a connection is made to a remote terminal (GEG), a connection to a speech system (SYST) is established. The subscriber (TE1) enters a spoken user code (BE1), which is compared with the reference codes (RE1-RE9) stored in a memory (SPE) of the speech system. The connection is released for the call when the user code has been assigned to a reference code.

Claims:

11/3,K/39 (Item 39 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.

0010601281 - Drawing available
WPI ACC NO: 2001-206872/200121
XRPX Acc No: N2001-148109
Online document sharing method for remote educational learning system, involves adding individual mark, document sequence number tags to identifier in documents, to allow other users to access information in document
Patent Assignee: HITACHI LTD (HITA)
Inventor: TAKAHASHI A; TANAKA A; WAKAI S; YAGAWA Y
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
JP 2001022749 A 20010126 JP 1999195422 A 19990709 200121 B

Priority Applications (no., kind, date): JP 1999195422 A 19990709

Patent Details
Number Kind Lan Pg Dwg Filing Notes
JP 2001022749 A JA 22 29

Online document sharing method for remote educational learning system, involves adding individual mark, document sequence number tags to identifier in documents, to allow other users to access information in document

Original Titles:
METHOD FOR SHARING PERSONAL SUPPLEMENTARY INFORMATION TO ONLINE DOCUMENT

Alerting Abstract ...NOVELTY - Additional information such as individual mark, sequence number tags and variety of information contained in document are appended to identifier of document. Access condition to the document produced by other user is set. When a user wants to refer to a document through a network (150). The access condition to the document by the user is detected, based on which the user is allowed to access information. USE - For accessing online document using network such as internet, intranet in enterprises and for remote educational learning system...

...ADVANTAGE - Since the individual marks and sequence number tags are added to the document, reconfirmation of essential information

becomes simple...
...150 Network

Original Publication Data by Authority

Argentina

11/3,K/40 (Item 40 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010569970 - Drawing available
WPI ACC NO: 2001-174444/200118
Related WPI Acc No: 2001-174443
XRPX Acc No: N2001-126326
Information processor e.g. for e-mail address, provides individual
information of user in response to demand from user of portable
telephone, based on information approval
Patent Assignee: SONY CORP (SONY)
Inventor: FUTAGAMI K; FUTAGAMI M; KAWAMOTO H; KAWAMOTO Y; KAWAMURA H;
KAWAMURA T; NAGANO M
Patent Family (2 patents, 2 countries)
Patent Application
Number Kind Date Number Kind Date Update
JP 2001005833 A 20010112 JP 1999177820 A 19990624 200118 B
US 6754665 B1 20040622 US 2000592977 A 20000613 200442 E

Priority Applications (no., kind, date): JP 1999177820 A 19990624; JP
1999177819 A 19990624

Patent Details
Number Kind Lan Pg Dwg Filing Notes
JP 2001005833 A JA 24 26

Information processor e.g. for e-mail address, provides individual
information of user in response to demand from user of portable
telephone, based on information approval

Alerting Abstract ...NOVELTY - A receiver receives the demand for
individual information from the user of portable telephone (5).
Decision unit judges whether the demand is approved or limited. When the
demand is not approved, inquiry unit inquires suitability of provision of
information...
...USE - Used to provide individual information such as e-mail address,
name, address, telephone number of user to portable
telephone for communication purpose.
...

...ADVANTAGE - Since the information is provided to the client based
on the approval from the owner of information, the owner can manage
the access of the individual information by others easily...

...5 Portable telephone

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A technique is disclosed which makes it possible to easily control access to personal information of a user. A management server stores personal information such as a name, telephone number, address, and electronic mail address of each user. For example, if a user of a computer transmits a request command to the management server to transmit personal information of a user of a portable telephone device, the management server determines, in accordance with access restriction information, whether or not providing of the personal information of the user of the portable telephone is restricted. If the providing of the personal information requested by the user of the computer is restricted, the management server inquires of the user of the portable telephone device, who is the owner of the personal information, whether to give permission to provide the personal information. If permission is given, the management server provides the personal information to the user of the computer.

Claims:

What is claimed is: 1. An information processing apparatus for acquiring personal information of any of a plurality of owners of personal information from an information providing apparatus for providing said personal information, the personal information of each owner including a plurality of items, said information processing apparatus comprising: personal information storage means for storing personal information of a plurality of owners; registration means for registering said personal information of said owners into said personal information storage means; retrieval requesting means for transmitting a retrieval request command together with a keyword corresponding to an item of said personal information of any one of said plurality of owners; retrieval history means for storing a retrieval history of retrieval performed in response to the retrieval request, wherein the retrieval history includes at least an identifier of said information processing apparatus requesting said retrieval request and an identifier of said information providing apparatus; and checking means for checking said retrieval history and whether said personal information of said information providing apparatus has been updated or not.

11/3,K/41 (Item 41 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010370110 - Drawing available
WPI ACC NO: 2000-686218/200067
Related WPI Acc No: 2002-404879

XRPX Acc No: N2000-507278

Remote call forwarding feature initiation of subscriber's home telephone to cellular telephone, involves sending feature code with mobile ID and electronic serial numbers to service control point over secure network

Patent Assignee: AT & T WIRELESS SERVICES INC (AMTT)

Inventor: BEGEJA L; FARAH J J; OSTROFF N A

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6141545	A	20001031	US 199810616	A	19980122	200067 B

Priority Applications (no., kind, date): US 199810616 A 19980122

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6141545	A	EN	9	4		

Remote call forwarding feature initiation of subscriber's home telephone to cellular telephone, involves sending feature code with mobile ID and electronic serial numbers to service control point over secure network

Original Titles:

Method and system for remote call forwarding of telephone calls from cellular phone.

Alerting Abstract ...NOVELTY - Cellular telephone's embedded electronic serial number (ESN) and mobile ID number (MIN) are registered in nearest mobile switching center (MSC) (105) via cell tower (104), for unique ID of cellular set subscriber. Feature code to invoke remote call forwarding to cellular set from PBX-telephone (102), from cellular set, and ESN and MIN, are sent to service control point (SCP) (106) over a secure network. DESCRIPTION - An INDEPENDENT CLAIM is also included for the system for invoking remote call forwarding feature to cellular telephone from subscriber's home or office telephone

...

...USE - For initiating remote call forwarding of subscriber's home or office telephone to cellular telephone.

...

...ADVANTAGE - Securely invokes remote call forwarding feature for PBX associated telephone from subscriber's cellular telephone, without need for subscriber to place separate phone call to input PIN...

...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of subscriber's cellular telephone invoking system

Title Terms.../Index Terms/Additional Words: NETWORK

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...on a wire-line telephone line associated with a PBX (101) or central office (402) can enable that feature by dialing feature code from his cellular phone (103, 403). The subscriber dials a feature code from his cellular phone, which feature code is received by the cellular phone's Mobile Switching Center (MSC) (105, 405) and forwarded to a Service Control Point (SCP) (106, 406). The SCP recognizes the feature code as a...

...the remote call forwarding feature on the subscriber's wire-line telephone so that calls directed to that wire-line telephone are forwarded to the cellular phone. Receipt of that feature code by the SCP, together with the cellular phone's Electronic Serial Number (ESN) and Mobile Identification Number (MIN) identifies the subscriber and the feature to be invoked for that subscriber. By performing a database (108, 408) lookup...

Claims:

A wireless network method of invoking a feature associated with a subscriber's line on a wire-line facility from the subscriber's wireless station set comprising the steps of: a) receiving a feature code from the wireless station set indicative of the feature to be invoked and an identifier associated with the wireless station set; b) using the identifier associated with the wireless station set and the received feature code, determining the subscriber's wire-line facility and associated information required to invoke the feature in association with the subscriber...

11/3,K/42 (Item 42 from file: 350)
DIALOG(R)File 350;Derwent WPIX
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0010348790 - Drawing available
WPI ACC NO: 2000-664169/200064
XRPX Acc No: N2000-492140

Data transmission system for ATM communication network, issues acknowledgement message to sender unit, when acknowledge request is present in received cell

Patent Assignee: NORTEL NETWORKS CORP (NELE)
Inventor: CHEUNG D C L; LEUNG M C; OZDEMIR K; SABAA A G
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6128283	A	20001003	US 1997984191	A	19971203	200064 B

Priority Applications (no., kind, date): US 1997984191 A 19971203

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6128283	A	EN	15	8		

Data transmission system for ATM communication network, issues acknowledgement message to sender unit, when acknowledge request is present in received cell

Alerting Abstract ...NOVELTY - Sender units (204,206,208) arrange received user data into group of cells having sequence identifier,

user data and acknowledgement request data portion. Receiver has controller for computing sequence of cell in relation to previously received cell using identifier data element of cell. A generator issues acknowledgement message to sender unit when acknowledgement request is present in received cell....USE - In asynchronous transfer mode communication network.

...

...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of sender unit on one of the nodes of network.

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A novel system and apparatus for transmitting data between the two nodes of a network is provided. The transmission is effected by using an error recovery protocol featuring a positive group acknowledgement. A sender unit on one node receives the user data and groups the data into consecutive cells, the cells being clustered into groups, each cell in a group being assigned a unique sequence number. The groups of cells are transmitted over a physical channel to a receiver unit on a different node. The receiver unit examines the cell stream...

...reduce the number of acknowledgement messages between the sender unit and the receiver unit while allowing low error-rate transmission between the nodes of the network.

Claims:

...said input, said sender unit being operative for arranging the user data into a plurality of cells forming a group, each cell including a sequence identifier portion and a user data portion, the sequence identifier portion including a sequence identification data element defining an order of transmission of the cell with relation to other cells of the group, each cell in the group having an acknowledgement request data...

...said sequence controller unit, said acknowledgement message generator unit being precluded from issuing an acknowledgement message when said sequence controller unit determines that the given cell triggers an out of sequence error.

11/3,K/43 (Item 43 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.

0010332389 - Drawing available

WPI ACC NO: 2000-647266/200062

XRPX Acc No: N2000-479687

Wireless electronic commerce system comprises web server coupleable to wireless gateway, delivers content item to wireless client device and maintains digital content certificates and license certificates
Patent Assignee: MOTOROLA INC (MOTI)

Inventor: DABBISH E A; PUHL L C; VOGLER D H
Patent Family (6 patents, 87 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2000059149	A1	20001005	WO 2000US4469	A	20000222	200062 B
AU 200034986	A	20001016	AU 200034986	A	20000222	200106 E
US 6223291	B1	20010424	US 1999277304	A	19990326	200125 E
EP 1166490	A1	20020102	EP 2000913561	A	20000222	200209 E
			WO 2000US4469	A	20000222	
CN 1345494	A	20020417	CN 2000805562	A	20000222	200248 E
TW 550909	A	20030901	TW 2000103692	A	20000302	200413 E

Priority Applications (no., kind, date): US 1999277304 A 19990326

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2000059149	A1	EN	41	5		

National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH
CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH
GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200034986 A EN Based on OPI patent WO 2000059149
EP 1166490 A1 EN PCT Application WO 2000US4469
Based on OPI patent WO 2000059149

Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR
IE IT LI LT LU LV MC MK NL PT RO SE SI
TW 550909 A ZH

Wireless electronic commerce system comprises web server coupleable to wireless gateway, delivers content item to wireless client device and maintains digital content certificates and license certificates

Alerting Abstract ...NOVELTY - A wireless client device (11) with unique identifier communicates with wireless gateway to a wireless network (19). A web server (16) coupleable to gateway delivers content item to wireless device and maintains digital content certificates and digital license certificates. For each wireless device in the system, web server maintains record of licenses and content items associated with each license....secure electronic commerce system provides the ability to offer software enhancements and new features in simple, faster and cheaper methods. The records maintained at the server is used for content item license certification which is advantageous for repair and recovery. The distinguished encoding rules and packed encoding rules establish that a ...

...11 Wireless client device...

...16 Web server
...

...19 Wireless network

Title Terms.../Index Terms/Additional Words: GATEWAY; ...

...CLIENT;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A wireless electronic commerce system (10) comprising a wireless gateway (18) to a wireless network (19) with which a wireless device (11) having a unique client identifier (ID) is capable of communicating. A server (15) or servers (15 and 16) is/are coupleable to the wireless gateway, delivering content items (e.g. software products) to the wireless device (11) and maintaining digital content certificates for content items and digital license certificates for licenses for the content items. The server maintains, for each wireless client associated with the system, a record of licenses for that client and a record of content items associated with each license...

...A wireless electronic commerce system (10) comprising a wireless gateway (18) to a wireless network (19) with which a wireless device (11) having a unique client identifier (ID) is capable of communicating. A server (15) or servers (15 and 16) is/are coupleable to the wireless gateway, delivering content items (e.g. software products) to the wireless device (11) and maintaining digital content certificates for content items and digital license certificates for licenses for the content items. The server maintains, for each wireless client associated with the system, a record of licenses for that client and a record of content items associated with each license.

A wireless electronic commerce system (10) comprising a wireless gateway (18) to a wireless network (19) with which a wireless device (11) having a unique client identifier (ID) is capable of communicating. A server (15) or servers (15 and 16) is/are coupleable to the wireless gateway, delivering content items (e.g. software products) to the wireless device (11) and maintaining digital content certificates for content items and digital license certificates for licenses for the content items. The server maintains, for each wireless client associated with the system, a record of licenses for that client and a record of content items associated with each license.

...

...de commerce électronique (10) comportant une passerelle mobile (18) à un réseau mobile (19) avec lequel un dispositif mobile (11) a un identifiant (ID) unique du client est capable de communiquer. Un serveur (15) ou plusieurs serveurs (15 et 16) est/sont aptes à être couple(s) à la passerelle mobile (11), délivrant des items de contenu (par exemple,

des produits logiciels) au dispositif mobile (11) et a maintenir des certificats a contenu numeriques pour les items de contenu et des certificats de licences numeriques pour les items de contenu. Le serveur entretient, pour chaque client mobile associe au systeme, un registre de licences pour ce client et un registre des items de contenu associes a chaque licence.

Claims:

A wireless electronic commerce system comprising: a wireless gateway to a wireless network with which a wireless client device having a unique client identifier is capable of communicating; and at least one server coupleable to the wireless gateway, delivering content items to the wireless client device and maintaining digital content certificates for content items, the digital content certificates establishing that the content items are available on the wireless client device and digital license certificates for licenses for the content items to enable only a specified device to operate a specified content item such that the digital license certificate can be used only by the specified device and no other device, wherein the at least one server maintains, for each wireless client device associated with the system, a record of the licenses for the content items available on that wireless client device and a record of the content items associated with each of the licenses, the record of the licenses and the record of the content items enabling content item license verification on the wireless client device.

11/3,K/44 (Item 44 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010315289 - Drawing available

WPI ACC NO: 2000-629504/200061

XRPX Acc No: N2000-466523

Apparatus for depersonalization of data from several sources pertaining to a particular individual without disclosing the data

Patent Assignee: SMITHKLINE BEECHAM CORP (SMIK)

Inventor: KOHAN M; LANGER D; LANGER D H

Patent Family (4 patents, 75 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
EP 1026603	A2	20000809	EP 2000300752	A	20000201	200061 B
WO 2000049531	A1	20000824	WO 2000US2467	A	20000201	200061 E
JP 2000324094	A	20001124	JP 200025411	A	20000202	200064 E
AU 200034775	A	20000904	AU 200034775	A	20000201	200103 E

Priority Applications (no., kind, date): US 1999118429 P 19990202; US 1999382127 A 19990824; US 1999171743 P 19991222

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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EP 1026603	A2	EN	23	9		
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Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR

IE IT LI LT LU LV MC MK NL PT RO SE SI

WO 2000049531 A1 EN

National Designated States, Original: AE AL AU BA BB BG BR CA CN CZ EE GE

GH GM HR HU ID IL IN IS KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO
 SG SI SK SL TR TT TZ UA UZ VN YU ZA
 Regional Designated States, Original: EA GH GM KE LS MW OA SD SL SZ TZ UG
 ZW
 JP 2000324094 A JA 43
 AU 200034775 A EN Based on OPI patent WO 2000049531

Alerting Abstract ...NOVELTY - A data provider (112) owns or controls a database (114) organized as data records and a trusted third person (116) generates a unique identifier for a record in the file for recording in an internal database (115) containing identification information previously processed by the third party, which replaces previous...
 DESCRIPTION - This identifier is stored in the appropriate record in a file (113), which is returned to the data provider, creating a new database (120) containing records of the original database with the new unique identifier. The database (120) with random identifiers is sent to a data user (118), receiving depersonalized data so that an individual matching a data set cannot be identified. INDEPENDENT CLAIMS are included...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A computer implemented method allows an owner or provider of data that contains personal identifiers (data provider) to distribute that data to a data user in a depersonalized form, i.e., without revealing the identity of the individuals associated with the data. The data provider first separates the personal information from the other data to create two data sets. The personal identifying information is then provided to a Trusted Third Party (TTP). The TTP associates a unique identifier with the identifying information. This unique identifier replaces any data in the database that can be used to identify an individual, such as name, address or social security number. The TTP may also collect and store the personal identifying information so that it can process identifying information that it acquires in the future to determine if the unique identifiers generated by the data provider or by the TTP refer to the same individual. The data provider associates its own unique identifier or the identifier provided by the TTP with the other data to create depersonalized data that may be sent to a data user for analysis. In this manner, different records from one or more data providers that refer to a single individual can be matched by the data user, and the data provider is assured that no personal identifying information is distributed that would link an individual to a particular data record. The TTP transmits information that correlates unique identifiers from multiple data providers to a data user. Each data provider transmits the depersonalized data, including the unique identifiers to the data user. The data user correlates the information from the different data providers before analyzing the data...

...A computer implemented method allows an owner or provider of data that contains personal identifiers (data provider) to distribute that data to a data user (118) in a depersonalized form (120) i.e., without revealing the identity of the individuals associated with the data (113). The data provider (112) first separates the personal information from the other data to create two data sets (113). The personal identifying information is then provided to a Trusted Third Party (TTP) (116). The TTP associates a unique identifier with the identifying information. The TTP may also collect and store the personal identifying information so that it can process identifying information that it acquires in the future to determine if the unique identifiers generated by the data provider or by the TTP refer to the same individual...

...créer deux ensembles de données (113), puis fournit ces informations d'identification personnelle à une tierce partie de confiance (TTP) (116), qui associe un identificateur unique à ces informations d'identification. Cette tierce partie de confiance peut également collecter et mémoriser les informations d'identification personnelle afin de pouvoir traiter des informations d'identification acquises ultérieurement, et ainsi de déterminer si lesdits identificateurs uniques générés par le fournisseur de données ou par la tierce partie de confiance concernent le même individu.

Claims:

A method of distributing data records, which include identifying information fields and other data fields, in an information network comprising a data provider, a data user and a trusted third party, wherein the identifying information in each record identifies a person, said method comprising the steps...

...copy of the identifying records to the trusted third party;c) associating, by the trusted third party, each of the identifying records with a unique identifier, wherein a respectively different unique identifier is assigned to each person identified by one or more of the identifying records;d) transferring, by the trusted third party, the unique identifiers to the data provider;e) associating, by the data provider, the other data fields with the respective unique identifiers to form depersonalized data; andf) transferring, by each of the data providers, the depersonalized data to the data user.

11/3,K/46 (Item 46 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010237526 - Drawing available
WPI ACC NO: 2000-549184/200050
XRPX Acc No: N2000-406275
Secure digital information system certification verification having generated public/private mother key with encryption control value computed/certification message certification authority created/transmitted.
Patent Assignee: BULL SA (SELA)
Inventor: PINKAS D
Patent Family (9 patents, 22 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2000048355	A2	20000817	WO 2000FR332	A	20000210	200050 B
FR 2789829	A1	20000818	FR 19991652	A	19990211	200050 E
EP 1072124	A2	20010131	EP 2000903786	A	20000210	200108 E
			WO 2000FR332	A	20000210	
JP 2002537685	W	20021105	JP 2000599172	A	20000210	200304 E
			WO 2000FR332	A	20000210	
EP 1072124	B1	20031022	EP 2000903786	A	20000210	200373 E
			WO 2000FR332	A	20000210	
DE 60006041	E	20031127	DE 60006041	A	20000210	200403 E
			EP 2000903786	A	20000210	
			WO 2000FR332	A	20000210	
US 6968060	B1	20051122	WO 2000FR332	A	20000210	200577 E
			US 2000673137	A	20001011	
JP 4155712	B2	20080924	JP 2000599172	A	20000210	200864 E
			WO 2000FR332	A	20000210	
CA 2328101	C	20090203	CA 2328101	A	20000210	200912 E
			WO 2000FR332	A	20000210	

Priority Applications (no., kind, date): FR 19991652 A 19990211

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2000048355	A2	FR	43	7		
National Designated States,Original: CA JP US						
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE						
IT LU MC NL PT SE						
EP 1072124	A2	FR			PCT Application	WO 2000FR332
						Based on OPI patent WO 2000048355
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE						
IT LI LU MC NL PT SE						
JP 2002537685	W	JA	73		PCT Application	WO 2000FR332
						Based on OPI patent WO 2000048355
EP 1072124	B1	FR			PCT Application	WO 2000FR332
						Based on OPI patent WO 2000048355
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE						
IT LI LU MC NL PT SE						
DE 60006041	E	DE			Application	EP 2000903786
						PCT Application WO 2000FR332
						Based on OPI patent EP 1072124
						Based on OPI patent WO 2000048355
US 6968060	B1	EN			PCT Application	WO 2000FR332
						Based on OPI patent WO 2000048355
JP 4155712	B2	JA	18		PCT Application	WO 2000FR332
						Previously issued patent JP 2002537685
						Based on OPI patent WO 2000048355
CA 2328101	C	EN			PCT Application	WO 2000FR332
						Based on OPI patent WO 2000048355

Alerting Abstract ...NOVELTY - The on board system for certification verifies requests for a public key from an on board identifier (SNi). A mother public and private key (KpM,KSm) are created and published (1002). A diversified key is created and stored (1003). For each public key an encryption control value is computed (1006) and a certification message

created (1007) and transmitted (1008). The certification authenticity control finds the **identifier** (1009) and the value of the public key. Verification (1012) of the message from the mother public key and **identifier** on board system ensures that the public certification request and use originate from the on board component. USE - Secure digital word transmission on information networks.

...

...1009 find **identifier**

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The invention concerns an on-board system for verifying a certification request of a public key (Kp) generated by an on-board **identifier** system (Sni). For an assembly (Lk) of on-board systems, an authorised **identifier** (Opj) operator configures the on-board systems and generates (1001) a parent public key (KpM) and a parent private key (KsM). The **identifier** (Opj), the reference range of **identifiers** (Lk) and the public key (KpM) are issued (1002). For each on-board system (Sni), a diversified key (KsMi) is generated from the **identifier** (Sni) and stored (1003) in a storage unit with protected reading and writing access. For every public key (Kp) generated by an on-board system, a cryptographic control value (Sci) is computed (1006) on the public key (Kp), an algorithm **identifier** (CA1) and utilisation parameters (U) of said key using a zero-knowledge signature algorithm and a certification request message (MRCA) including the control value (Sci), the operator **identifier** (Opj) and the **identifier** (Sni) is transmitted to a certification authority, which retrieves the **identifier** (Opj) (1009) and the parent public key (KpM) value (1001). Verification (1012) of the message (MRCA) from the parent public key (KpM) and of the **identifier** of the on-board system (Sni) enables to ensure that the public key (Kp) certification request and the use thereof originates indeed from an on...

...For a set (Lk) of embedded systems, an authorized operator with **identifier** (Opj) creates a mother public key (KpM) and a mother private key (KsM). The **identifier** (Opj), the range of **identifiers** referenced (Lk) and the mother public key (KpM) are published. For each embedded system (Sni), a diversified key (KsMi) is created from the **identifier** (Sni) and stored. For every public key (Kp) generated by an embedded system, a cryptographic control value (Sci) is calculated on the public key (Kp), an algorithm **identifier** (CA1) and the utilization parameters (U) of this key, using a zero knowledge signature algorithm, and a certification request message (MRCA) that includes control value (Sci), the **identifier** of the operator (Opj), and **identifier** (Sni) is transmitted to a certification authority, which retrieves the **identifier** (Opj) and the value of the mother public key (KpM...

...The invention concerns an on-board system for verifying a certification request of a public key (Kp) generated by an on-board **identifier** system (Sni). For an assembly (Lk) of on-board systems, an authorised

identifier (OPj) operator configures the on-board systems and generates (1001) a parent public key (KpM) and a parent private key (KsM). The identifier (Opj), the reference range of identifiers (Lk) and the public key (KpM) are issued (1002). For each on-board system (SNI), a diversified key (KsMi) is generated from the identifier (SNI) and stored (1003) in a storage unit with protected reading and writing access. For every public key (Kp) generated by an on-board system, a cryptographic control value (Sci) is computed (1006) on the public key (Kp), an algorithm identifier (CAL) and utilisation parameters (U) of said key using a zero-knowledge signature algorithm and a certification request message (MRCA) including the control value (Sci), the operator identifier (Opj) and the identifier (SNI) is transmitted to a certification authority, which retrieves the identifier (Opj) (1009) and the parent public key (KpM) value (1001). Verification (1012) of the message (MRCA) from the parent public key (KpM) and of the identifier of the on-board system (SNI) enables to ensure that the public key (Kp) certification request and the use thereof originates indeed from an on...

Claims:

...equipped with cryptographic computing means and with digital data storage means with protected external read/write access, the digital data (IDdi) including at least one serial number (SNI) permitting the identification of the on-board system and an identification code (Opj) of an operator authorised to configure said on-board system and the authorised operator (OPj) and with an assembly (Lk) defining a range of identifiers of on-board systems; computing, for each on-board system belonging to the assembly (Lk) of on-board systems, from said parent private key (KsM) and from the serial number (SNI) of the on-board system, a diversified private key (KsMi) and storing, in said storage area with protected external read/write access, said diversified private key (KsMi), and prior to any transmission of a certification request message: generating by means of the on-board system a certification request (RCA), containing...

...transmission, by the on-board system, of a certification request to the certification authority: forming a certification request message (MRCA) containing the request (RCA), the identifier (IDdi) of the on-board system, the latter consisting on the one hand of the identifier (Opj) of the authorised operator and on the other hand of the serial number (SNI) of the on-board system, and the cryptographic control value (Sci), transmitting to the certification authority (CA) said request message (MRCA) formed during the...

...control value (Sci); during reception of a certification request message (MRCA) by the certification authority: retrieving the identity of the authorised operator (Opj) from the identifier (IDdi) of the on-board system, retrieving, from said identifier (Opj) of the authorised operator the value of the parent public key (KpM) and also the identifier of the algorithm (CALM) associated with the assembly to which the on-board system belongs, verifying from said parent public key (KpM), from said serial number (SNI) of the on-board system, from said certification request message (MRCA) received, said cryptographic control value (Sci), thereby making it possible to establish the... with a private key (Ks), comprising: The said digital data (IDdi) An embedding|flush-mounting system (Si) The consecutive number (SNI) for identifying and the identifier (Opj) of the operator who was able to lodge the power to comprise the said embedding|flush-mounting system (Si)

are included at least.The...

...Si) equipped with cryptographic calculation means and externally accessible read/write-protected means for storing digital data, said digital data (IDdi) comprising at least a serial number (Sni) for identifying the on-board system and an identification code (Opj) of an operator authorized to configure said on-board system, a request being...

...mother public key (KpM) associated with the algorithm (CAlM), the identification code of said authorized operator (OPj), and defining a range of on-board system identifiers for the set (Lk) of on-board systems;calculating, for each on-board system of said set (Lk) of on-board systems, from said mother private key (KsM) and from the serial number (Sni) of the on-board system, a diversified private key (KsMi), and storing said diversified private key (KsMi) in said externally accessible, read/write-protected...

...A CERTIFICATION REQUEST IS SENT TO THE CERTIFICATION AUTHORITY BY THE ON-BOARD SYSTEM:forming a certification request message (MRCA) containing the request (RCA), the identifier (IDdsb>i) of the on-board system, the request message being constituted by the identification code (OPj) of this authorized operator and by the serial number (Sni) of the on-board system, and a cryptographic control value (Sci);transmitting to the certification authority (CA) said request message (MRCA) formed during the...

...on-board system,retrieving from said identification code (OPj) of said authorized operator, the value of the mother public key (KpM) as well as the identifier of the algorithm (CAlM) associated with the set (Lk) of the on-board system,verifying from said mother public key (KPM), from said serial number (Sni) of the on-board system, and from said certification request message (MRCA) received, said cryptographic control value (Sci), and establishing the authenticity of said cr...

11/3,K/47 (Item 47 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010231894

WPI ACC NO: 2000-543271/200049

Related WPI Acc No: 2000-618607

XRPX Acc No: N2000-401924

Musical products purchasing system in internet, checks validity of unique identifier number of online customer before allowing him to browse available purchase items displayed in monitor
Patent Assignee: FRITSCHE B (FRIT-I); MCY MUSIC WORLD INC (MCYM-N)
Inventor: FRITSCHE B

Patent Family (5 patents, 84 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2000043904	A1	20000727	WO 2000US1832	A	20000124	200049 B
AU 200026290	A	20000807	AU 200026290	A	20000124	200055 E
US 6233682	B1	20010515	US 1999116778	P	19990122	200129 E
			US 1999116779	P	19990122	
			US 1999116780	P	19990122	

				US 1999116910	P	19990122	
				US 1999116917	P	19990122	
				US 1999116918	P	19990122	
				US 2000487373	A	20000118	
EP 1163601	A1	20011219	EP 2000904551	A	20000124	200206	E
			WO 2000US1832	A	20000124		
JP 2003526805	W	20030909	JP 2000595258	A	20000124	200360	E
			WO 2000US1832	A	20000124		

Priority Applications (no., kind, date): US 1999116918 P 19990122; US 1999116917 P 19990122; US 1999116910 P 19990122; US 1999116780 P 19990122; US 1999116779 P 19990122; US 1999116778 P 19990122; US 2000487372 A 20000118; US 2000487373 A 20000118

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2000043904	A1	EN	41	7		

National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200026290	A	EN			Based on OPI patent	WO 2000043904
US 6233682	B1	EN			Related to Provisional	US 1999116778
					Related to Provisional	US 1999116779
					Related to Provisional	US 1999116780
					Related to Provisional	US 1999116910
					Related to Provisional	US 1999116917
					Related to Provisional	US 1999116918
EP 1163601	A1	EN			PCT Application	WO 2000US1832
					Based on OPI patent	WO 2000043904

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

JP 2003526805	W	JA	47		PCT Application	WO 2000US1832
					Based on OPI patent	WO 2000043904

Musical products purchasing system in internet, checks validity of unique identifier number of online customer before allowing him to browse available purchase items displayed in monitor

Alerting Abstract ...NOVELTY - Online customer (18) enters his unique identifier number in login screen. When validity of unique ID is confirmed, the monitor displays available purchase items for browsing by the customer. A shopping list lists user selected items, in digital format for downloading...
...USE - For accessing music website by PC, web TV, PDA, cellular telephone for purchasing musical products over the internet by a website vendor...

...previously purchased items by user. Sales and royalty history for right holders are also displayed on screen. Prohibits unauthorized transfer of music files by checking unique ID. Provides a music website which is comprehensive, versatile, user-friendly and also protects the proprietary rights of artists reliably. The songs sorted according to artist...

...DESCRIPTION OF DRAWINGS - The figure is a block diagram of the network based music distribution system...

Original Publication Data by Authority

Argentina

Assignee name & address:

Claims:

...for distributing products over the Internet, comprising: means for displaying a login screen on a video monitor that allows a user to enter an unique identifier for accessing database information; means for confirming the validity of the entered unique identifier; and means for displaying a shopping list that lists items for purchase as selected by said user, the listed items being in digital format suitable for downloading to a user's computer...

11/3,K/48 (Item 48 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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0010231759 - Drawing available

WPI ACC NO: 2000-543128/200049

Related WPI Acc No: 2000-087156; 2000-655940; 2003-541092; 2003-575903;
2004-708688; 2004-820567

XRFX Acc No: N2000-401815

Public switched telephone network number correlating system for communication in Internet, has directory service accessible via Internet, having unique identifiers and associated Internet addresses

Patent Assignee: PEEK D P (PEEK-I); RANALLI D J (RANA-I); SOSNOWSKI T P (SOSN-I); NETNUMBER.COM INC (NETN-N)

Inventor: PEEK D P; RANALLI D J; SOSNOWSKI T P

Patent Family (8 patents, 25 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2000041383	A1	20000713	WO 1999US29171	A	19991208	200049	B
AU 200031157	A	20000724	AU 200031157	A	19991208	200052	E
EP 1142286	A1	20011010	EP 1999965186	A	19991208	200167	E
			WO 1999US29171	A	19991208		
JP 2002534914	W	20021015	WO 1999US29171	A	19991208	200282	E
			JP 2000593012	A	19991208		
EP 1142286	B1	20060419	EP 1999965186	A	19991208	200630	E
			WO 1999US29171	A	19991208		
DE 69930963	E	20060524	DE 69930963	A	19991208	200635	E
			EP 1999965186	A	19991208		
			WO 1999US29171	A	19991208		
ES 2260954	T3	20061101	EP 1999965186	A	19991208	200673	E
DE 69930963	T2	20070104	DE 69930963	A	19991208	200705	E
			EP 1999965186	A	19991208		
			WO 1999US29171	A	19991208		

Priority Applications (no., kind, date): US 1999226901 A 19990108

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2000041383	A1	EN	49	9	
National Designated States, Original: AU CA CN JP KR MX					
Regional Designated States, Original: AT BE CH CY DE DK ES FI FR GB GR IE					
IT LU MC NL PT SE					
AU 200031157	A	EN			Based on OPI patent WO 2000041383
EP 1142286	A1	EN			PCT Application WO 1999US29171
Based on OPI patent WO 2000041383					
Regional Designated States, Original: AT BE CH CY DE DK ES FI FR GB GR IE					
IT LI LU MC NL PT SE					
JP 2002534914	W	JA	66		PCT Application WO 1999US29171
Based on OPI patent WO 2000041383					
EP 1142286	B1	EN			PCT Application WO 1999US29171
Based on OPI patent WO 2000041383					
Regional Designated States, Original: AT BE CH CY DE DK ES FI FR GB GR IE					
IT LI LU MC NL PT SE					
DE 69930963	E	DE			Application EP 1999965186
PCT Application WO 1999US29171					
Based on OPI patent EP 1142286					
Based on OPI patent WO 2000041383					
ES 2260954	T3	ES			Application EP 1999965186
Based on OPI patent EP 1142286					
DE 69930963	T2	DE			Application EP 1999965186
PCT Application WO 1999US29171					
Based on OPI patent EP 1142286					
Based on OPI patent WO 2000041383					

Public switched telephone network number correlating system for communication in Internet, has directory service accessible via Internet, having unique identifiers and associated Internet addresses

Original Titles:

...METHOD AND APPARATUS FOR CORRELATING A UNIQUE IDENTIFIER, SUCH AS A PSTN TELEPHONE NUMBER, TO AN INTERNET ADDRESS TO ENABLE COMMUNICATIONS OVER THE INTERNET...

...METHOD AND APPARATUS FOR CORRELATING A UNIQUE IDENTIFIER, SUCH AS A PSTN TELEPHONE NUMBER, TO AN INTERNET ADDRESS TO ENABLE COMMUNICATIONS OVER THE INTERNET...

...METHOD AND APPARATUS FOR CORRELATING A UNIQUE IDENTIFIER, SUCH AS A PSTN TELEPHONE NUMBER, TO AN INTERNET ADDRESS TO ENABLE COMMUNICATIONS OVER THE INTERNET...

Alerting Abstract ...NOVELTY - A directory service accessible via the Internet contains identifiers and associated Internet addresses. The unique identifiers are telephone numbers. The directory service is accessible to multiple communication systems including two or more of IP-PBX, IP-CO, IP-Centrex, IP-telephone, IP-wireless phone, unified messaging and remote printing systems....ADVANTAGE - Simplifies communication between end users of source and destination on a data network.

...

...DESCRIPTION OF DRAWINGS - The figure shows the schematic diagram of two alternative communication networks, the PSTN and the Internet

illustrating the Internet accessibility of the directory service and the Internet connectivity between the source and destination communication systems.

Title Terms.../Index Terms/Additional Words: **NETWORK**;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A directory service, containing unique identifiers (e.g., telephone numbers) and related Internet address(es), accessible through the Internet. An Internet-enabled communication system, such as IP-PBX or voice mail...

...to set up a delivery path via the Internet to the destination. Thus, all time-dependent charges normally associated with message delivery by the telephone network can be avoided...

...A directory service, containing unique identifiers (e.g., telephone numbers) and related Internet address(es), accessible through the Internet. An Internet-enabled communication system, such as IP-PBX or voice mail...

...to set up a delivery path via the Internet to the destination. Thus, all time-dependent charges normally associated with message delivery by the telephone network can be avoided...

Claims:

...A system comprising: a directory service (DS 12) residing on a data network (10) containing non-Internet related unique identifiers and associated addresses, wherein the unique identifiers are at least one selected from the group consisting of telephone numbers, random numbers, personal identity codes, social security numbers, recorded spoken names, voice prints, finger prints, and retina scans, characterized in that: at least one unique identifier is associated with multiple Internet addresses for different Internet-enabled communications systems; and the directory service including processor means operable to determine, in response to a request for resolution containing one unique identifier, a resolution of the unique identifier to one of the multiple Internet addresses based on information contained within the request to determine which one Internet address is associated with a given ...

11/3,K/49 (Item 49 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010194864 - Drawing available

WPI ACC NO: 2000-505026/200045

XREFX Acc No: N2000-373394

Repository of user information managing method using personalized URL in world wide web, involves prepending unique user identifier associated with user information in user database to domain name

Patent Assignee: CHANDRA R (CHAN-I); ECODE.COM INC (ECOD-N)

Inventor: CHANDRA R

Patent Family (3 patents, 88 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6085242	A	20000704	US 1999225651	A	19990105	200045 B
WO 2000041092	A1	20000713	WO 2000US221	A	20000105	200045 E
AU 200024908	A	20000724	AU 200024908	A	20000105	200052 E

Priority Applications (no., kind, date): US 1999225651 A 19990105

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6085242	A	EN	12	7	
WO 2000041092	A1	EN			

National Designated States, Original: AE AL AM AT AU AZ BA BB BG BR BY CA
CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH
GM GR IE IT KE LS LU MC MW NL OA PT SE SL SZ TZ UG ZW
AU 200024908 A EN Based on OPI patent WO 2000041092

Repository of user information managing method using personalized URL in world wide web, involves prepending unique user identifier associated with user information in user database to domain name

Alerting Abstract ...NOVELTY - An unique user identifier (350) of network user is associated with user information (352) in user database (318). The unique user identifier is prepended to a domain name to create a personalized uniform resource locator (URL). The user information is retrieved from the user database when receiving the personalized URL from the client. ...or graphic, company logo, brief-description of a company or employer, audio or video clip, schedule, driving directions or map, personal or proprietary web page, personal identifying information or categorical information associated with entity, person, company or organization in world wide web...
...DESCRIPTION OF DRAWINGS - The figure shows the computer network architecture which implements personalized URL...

...350 Unique user identifier

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

An apparatus and method for implementing a personalized uniform Resource Locator (URL) for a network user is disclosed. The personalized URL apparatus and method comprises the steps of: 1) assigning a unique user identifier associated with the user information, and 2) creating a personalized URL using at least a portion of the unique user identifier prepended to a domain name...

...An apparatus and method for implementing a personalized uniform Resource

Locator (URL) for a network user is disclosed. The personalized URL apparatus and method assigns a unique user identifier (350) associated with user information (352) and creates a personalized URL using at least a portion of the unique user identification prepended to a domain name...
Claims:

Claim 12. An apparatus for managing a repository of user information using a personalized URL, comprising: an identifier associator for associating a unique user identifier with a network user; a repository upator for entering and modifying user information associated with the unique user identifier in the repository of user information; and a browser for retrieving at least a portion of the user information from the repository of user information upon receiving a personalized URL from a client, the personalized URL being based upon at least a portion of the unique user identifier prepended to a domain name.

11/3,K/50 (Item 50 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010188856 - Drawing available
WPI ACC NO: 2000-498763/200044
XRPX Acc No: N2000-369742

Communication arrangement in telephone network, stores messages from different telephone numbers at predefined call location of memory and determines output signal based on the identification sequence
Patent Assignee: BENSON K (BENS-I)

Inventor: BENSON K

Patent Family (3 patents, 88 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2000035167	A1	20000615	WO 1999AU1084	A	19991207	200044 B
AU 200017625	A	20000626	AU 200017625	A	19991207	200045 E
AU 769083	B	20040115	AU 200017625	A	19991207	200409 E

Priority Applications (no., kind, date): AU 19987571 A 19981207

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2000035167	A1	EN	17	2	

National Designated States, Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
AU 200017625 A EN Based on OPI patent WO 2000035167
AU 769083 B EN Previously issued patent AU 200017625

Based on OPI patent WO 2000035167

Communication arrangement in telephone network, stores messages from different telephone numbers at predefined call location of memory and determines output signal based on the identification sequence

Alerting Abstract ...unit at the call recipient telephone identifies the calling telephone. The identification result is stored in memory before answering the call. Similarly, the messages from ~~separate~~ called ~~numbers~~ are received and stored in predefined call locations of the memory. The output signal is determined based on identification sequence.

...USE - Communication arrangement in telephone ~~network~~ especially cellular telephone network.

...
...ADVANTAGE - The discretionary data can be detected and acted upon regardless of whether the call through the ~~network~~ is answered or not and hence charged for or not, thereby avoids charging for unanswered call. Facilitates to offer higher degree of security for call...

...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the functional units of the telephone ~~network~~.

Title Terms.../Index Terms/Additional Words: ~~NETWORK~~;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...that allows for the caller number to be identified but which does not otherwise answer the call thereby not raising a charge from a telephone ~~network~~ provider. The destination (13, 16) has means to effect an interpretation of the source (5) and the call numbers sought and effects an output in accord with a selected...

...L'invention concerne une architecture de communication telefonique qui permet l'emission d'un appel telefonique vers une destination (13, 16) capable d'identifier le numero de l'appelant sans repondre toutefois audit appel, ce qui permet de ne pas faire augmenter le montant facture par le fournisseur de reseau telefonique. La destination (13, 16) comporte des moyens...

Claims:

11/3,K/51 (Item 51 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010182303 - Drawing available

WPI ACC NO: 2000-492057/200044

XREFX Acc No: N2000-365159

Channel multiplexing method on downstream transmission from base station to mobile terminal in mobile communication system

Patent Assignee: NEC CORP (NIDE); NIPPON DENKI TSUSHIN SYSTEM KK (NIDE);
NIPPON ELECTRIC CO (NIDE)

Inventor: ISHII N; OKADA M; OKADA S

Patent Family (9 patents, 30 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 1009110	A2	20000614	EP 1999124580	A	19991209	200044 B
JP 2000175266	A	20000623	JP 1998350162	A	19981209	200044 E

BR 199907566	A	20000905	BR 19997566	A	19991209	200048	E
CN 1256558	A	20000614	CN 1999125495	A	19991209	200048	E
JP 3093740	B2	20001003	JP 1998350162	A	19981209	200051	E
KR 2000057044	A	20000915	KR 199955664	A	19991208	200122	E
KR 315322	B	20011126	KR 199955664	A	19991208	200245	E
US 6504833	B1	20030107	US 1999457692	A	19991209	200306	E
CN 1135723	C	20040121	CN 1999125495	A	19991209	200579	E

Priority Applications (no., kind, date): JP 1998350162 A 19981209

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 1009110	A2	EN	20	13		
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR						
IE IT LI LT LU LV MC MK NL PT RO SE SI						
JP 2000175266	A	JA	16			
BR 199907566	A	PT				
JP 3093740	B2	JA	16		Previously issued patent	JP 2000175266
KR 2000057044	A	KO	13			
KR 315322	B	KO			Previously issued patent	KR 2000057044

Alerting Abstract ...in each of which transmission data of the channels assigned to mobile terminals is packaged to form communication cells with headers. The headers contain address identifiers, each corresponding to one of the channels in the group. In every channel group, the communication cells are multiplexed into a group signal corresponding to...
 ...USE - CDMA mobile radio communications, e.g. for a mobile telephone system.

...
 ...DESCRIPTION OF DRAWINGS - The figure shows a mobile communications network.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The system assigns, to the specific MT, the channel defined as the combination of one of the group codes and one of the address identifiers. The group code is selected to correspond to the channel group to which the specific MT belongs. The address identifier is determined to be unique in the channel group of the specific MT. Thus, the combination of the group code and the address identifier is unique in the service area provided by the BS, to serve the channel of the specific MT...

...The system assigns, to the specific MT, the channel defined as the combination of one of the group codes and one of the address identifiers. The group code is selected to correspond to the channel group to which the specific MT belongs. The address identifier is determined to be unique in the channel group of the specific MT. Thus, the combination of the group code and the address identifier is unique in the service area provided by the BS, to serve the channel of the specific of the specific MT.

Claims:

...packaging, in each of the channel groups, transmission data of the channels assigned to the mobile terminals, to form communication cells with headers containing address identifiers each of which corresponds to one of the channels in the channel group; multiplexing, in every channel group, the communication cells into a group signal corresponding to one of the channel...

...packaging, in each of the channel groups, transmission data of the channels assigned to the mobile terminals, to form communication cells with headers containing address identifiers each of which corresponds to one of the channels in the channel group; multiplexing, in every channel group, the communication cells into a group signal corresponding to one of the channel groups; spreading spectrums of the group signals with group codes which are assigned to the channel groups, respectively, and are different...

11/3,K/52 (Item 52 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.

0010115080 - Drawing available
WPI ACC NO: 2000-422621/200036
XRPX Acc No: N2000-315420

Mobile telecommunication network includes identification system that identifies combination identifier representing location and routing area identifies associated with location and routing areas, respectively
Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF)

Inventor: RUNE J

Patent Family (3 patents, 88 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2000028771	A1	20000518	WO 1999SE2024	A	19991108	200036 B
AU 200015912	A	20000529	AU 200015912	A	19991108	200041 E
US 6275706	B1	20010814	US 1998189330	A	19981109	200148 E

Priority Applications (no., kind, date): US 1998189330 A 19981109

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2000028771	A1	EN	51	8		
National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW						
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW						
AU 200015912	A	EN			Based on OPI patent	WO 2000028771

Mobile telecommunication network includes identification system that identifies combination identifier representing location and routing area identifies associated with location and routing areas, respectively

Original Titles:

Mobile telecommunications network and method for implementing and

identifying hierarchical overlapping radio coverage areas...

...MOBILE TELECOMMUNICATIONS **NETWORK** AND METHOD FOR IMPLEMENTING AND IDENTIFYING HIERARCHICAL OVERLAPPING RADIO COVERAGE AREAS...

Alerting Abstract ...NOVELTY - The controller is connected to switching centers for managing location areas and routing areas of cells. The identification system (200) identifies combination identifier representative of location area identifier associated with location areas and routing area identifier associated with routing areas... transceiver stations controlled by the controller where each transceiver station is located in each cell and operable to broadcast one location area and routing area identifier. The identification system includes location number and combination identifier, when cell accommodates location areas and routing areas. An INDEPENDENT CLAIM is also included for method for implementing and identifying hierarchical overlapping radio coverage areas used in mobile telecommunication network.

...

...USE - For implementing and identifying hierarchical overlapping radio coverage areas in mobile telecommunication networks that combines features of hierarchical location area structures associated with GSM/GPRS standards with overlapping feature associated with personal digital cellular (PDC) standard...

...that assures detection of every transition or movement into new location area. The mobile terminal preferably initiates location update to receive one of location area identifiers through LAI-F, when mobile terminal regains contact with mobile telecommunication network. Since mobile terminal can roam within routing area crossing a SGSN service area border, so that mobile terminal crosses SGSN service area border without crossing routing area border and consequently without being assigned a new TLLI identifier. Reduces amount of information broadcasted on broadcast control channel, as system information by effectively identifying routing areas...

...DESCRIPTION OF DRAWINGS - The figure depicts the diagram of identification system used within mobile telecommunication network.

Title Terms.../Index Terms/Additional Words: **NETWORK**;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A mobile telecommunications network and method for identifying hierarchical and overlapping radio coverage areas including a combination of at least one location area and at least one routing area. More specifically, the mobile telecommunications network includes a first switching center and a second switching center coupled to a controller that manages a plurality of location areas and a plurality of routing areas. The location areas and routing areas are also controlled by the first switching center and the second switching center, respectively. The mobile

telecommunications network further includes a plurality of cells, where the cells accommodate at least one of the location areas and at least one of the routing areas. Lastly, the mobile telecommunications network further includes an identification system for identifying at least one combination identifier representative of the at least one location area and the at least one routing area accommodated by each cell
...

...A mobile telecommunications network (100) and method for identifying hierarchical and overlapping radio coverage areas including a combination of at least one location area (A-F) and at least one routing area (A'-F'''). More specifically, the mobile telecommunications network (100) includes a first switching center (114) and a second switching center (116) coupled to a controller (118) that manages a plurality of location. (A-F) areas and a...

...F) and routing areas (A'-F''') are also controlled by the first switching center (114) and the second switching center (116), respectively. The mobile telecommunications network (100) further includes a plurality of cells (a-f), where the cells (a-f) accommodate at least one of the location areas (A-F) and at least one of the routing areas (A'-F'''). Lastly, the mobile telecommunications network (100) further includes an identification system (200) for identifying at least one combination identifier (204, 206, 306, 308, 404) representative of the at least one location area (A-F) and the at least one routing area (A'-F''') accommodated by each cell (a...

...Cette invention concerne un reseau de telecommunications mobiles (100) ainsi qu'un procede permettant d'identifier des zones de couverture radio hierarchiques et se chevauchant qui comprennent une combinaison d'au moins une zone de localisation (A-F) et d'au moins une zone de routage (A'-F'''). Ce reseau...

...au moins une des zones de routage (A'-F'''). Le reseau de telecommunications mobiles (100) comprend enfin un systeme d'identification (200) qui permet d'identifier au moins un identificateur de combinaison (204, 206, 306, 308, 404) representant la ou les zones de localisation (A-F) et la ou les zones de routage (A'-F''') que renferment chacune des cellules...

Claims:

A mobile telecommunications network comprising: a first switching center; a second switching center; a controller, coupled to the first switching center and the second switching center, for managing a plurality of...

...at least one of said location areas and at least one of said routing areas; and an identification system for identifying at least one combination identifier representative of at least one location area identifier associated with said at least one of said location areas and at least one routing area identifier associated with said at least one of said routing areas, each of at least one combination identifier being assigned a respective combination number.>

11/3,K/54 (Item 54 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009970776 - Drawing available

WPI ACC NO: 2000-273243/200024

XRPX Acc No: N2000-204793

Providing information according to individual personal profiles from Internet, based on individualized paging services with targeted, time controlled evaluation by Internet ~~servers~~

Patent Assignee: DEUT TELEKOM AG (DEBP)

Inventor: KNEISEL K E; SCHYGUDA G

Patent Family (2 patents, 25 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 991001	A2	20000405	EP 1999115124	A	19990810	200024 B
DE 19844851	A1	20000406	DE 19844851	A	19980930	200024 E

Priority Applications (no., kind, date): DE 19844851 A 19980930

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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EP 991001	A2	DE	5	1		
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Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR
IE IT LI LT LU LV MC MK NL PT RO SE SI

Providing information according to individual personal profiles from Internet, based on individualized paging services with targeted, time controlled evaluation by Internet ~~servers~~

Alerting Abstract ...NOVELTY - The method is based on individualized paging services with targeted, time-controlled evaluation by Internet ~~servers~~ (5). The Internet address for each Internet user is converted into an identifier for the pager (1). The pager acquires an individual identifier, for example via a smart card. Brief information or messages are delivered as bursts, with individual identification corresponding to the pager identity, within defined reserved time slots, in a paging system. Subscribers associated with the system are served cyclically.USE - For providing information according to individual personal information profiles from the Internet for people travelling on business or holiday...

...5 Server

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...Informationen aussenden, die sie von einer Aussage-Aufbereitungs- und Verteilungseinrichtung (6) erhalten haben, die mit einem

Internet-Serviceprovider (7) in Verbindung steht und andererseits mit ~~Servern~~ (5). Der Internet-Serviceprovider (7) steht über einen gesteuerten Filter (8), dessen Engmaschigkeit zur Erreichung eines hohen Kondensationsgrades der gesuchten Information eingegeben wird, mit dem

Internet (9) in Verbindung. Zur Realisierung des Verfahrens wird die Internet-Adresse eines jeden Internet-Nutzers in einem Server (5) in eine Pager-Kennung übersetzt. Jeder Pager (1) bekommt eine individuelle Kennung über Smart Card. In einem Paging-System werden innerhalb bestimmter reservierter Zeitschlitze kurze Informationen als Bursts...

...Informationen aussenden, die sie von einer Aussage-Aufbereitungs- und Verteilungseinrichtung (6) erhalten haben, die mit einem Internet-Serviceprovider (7) in Verbindung steht und andererseits mit Servern (5). Der Internet-Serviceprovider (7) steht über einen gesteuerten Filter (8), dessen Engmaschigkeit zur Erreichung eines hohen Kondensationsgrades der gesuchten Information eingegeben wird, mit dem Internet (9) in Verbindung. Zur Realisierung des Verfahrens wird die Internet-Adresse eines jeden Internet-Nutzers in einem Server (5) in eine Pager-Kennung übersetzt. Jeder Pager (1) bekommt eine individuelle Kennung über Smart Card. In einem Paging-System werden innerhalb bestimmter reservierter Zeitschlitze kurze Informationen als Bursts, die mit einer Individual-Kennung...

Claims:

...nach personen-individuell festgelegten Informationsprofilen aus dem Internet oder äquivalenten Netzen auf der Basis von individualisierten Paging-Diensten unter gezielter und zeitgesteuerter Auswertung von Internet-Servern, dadurch gekennzeichnet, dass die Internet-Adresse eines jeden Internet-Nutzers in einem Server (5) in eine Kennung für den Pager (1) übersetzt wird, dass der Pager (1) eine individuelle Kennung, zum Beispiel über Smart Card bekommt, dass in einem Paging-System innerhalb bestimmter...

...nach personen-individuell festgelegten Informationsprofilen aus dem Internet oder äquivalenten Netzen auf der Basis von individualisierten Paging-Diensten unter gezielter und zeitgesteuerter Auswertung von Internet-Servern, dadurch gekennzeichnet, dass die Internet-Adresse eines jeden Internet-Nutzers in einem Server (5) in eine Kennung für den Pager (1) übersetzt wird, dass der Pager (1) eine individuelle Kennung, zum Beispiel über Smart Card bekommt, dass in einem Paging-System innerhalb bestimmter reservierter Zeitschlitze Kurzinformationen bzw. Nachrichten als Bursts, die mit einer Individualkennung versehen werden, korrespondierend mit...

11/3,K/55 (Item 55 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009774431 - Drawing available
WPI ACC NO: 2000-062104/200005
XRPX Acc No: N2000-048660
Notification message transmitting method for shared facsimile message reception system in internet
Patent Assignee: ONEBOX.COM INC (ONEB-N); OPENWARE SYSTEMS INC (OPEN-N)
Inventor: CHOKSI H; KUMAR S V
Patent Family (3 patents, 82 countries)
Patent
Number Kind Date Application Number Kind Date Update
WO 1999056460 A1 19991104 WO 1999US6052 A 19990318 200005 B

AU 199930115	A	19991116	AU 199930115	A	19990318	200015	E
US 6240445	BI	20010529	US 199866268	A	19980424	200132	E

Priority Applications (no., kind, date): US 199866268 A 19980424

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 1999056460	A1	EN	38	7		
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National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW						
AU 199930115	A	EN			Based on OPI patent	WO 1999056460

Original Titles:

...METHOD AND APPARATUS FOR COMPUTER ~~NETWORK~~ FACSIMILE OR OTHER
TELECOMMUNICATION MESSAGE RECEPTION...

Alerting Abstract ...NOVELTY - The notification message that includes URL is sent to the first user through the e-mail, voice message, alpha-numeric message via pager or ~~cellular telephone~~ to indicate facsimile message reception. The user is identified by unique identifier appended to shared telephone number. The facsimile message is accessed by just viewing.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...a notification message to the first user, e.g., using e-mail, voice and/or data communications. The user may be identified by a unique identifier appended to the shared telephone number. The notification message may comprise an attachment which includes the received message, or the notification message may comprise a computer network address of a location where the received message may be accessed. For the latter case, the computer network address is preferably a universal resource locator (URL) associated with a web page at which the received message may be accessed. The received message may...

...a notification message to the first user, e.g., using e-mail, voice and/or data communications. The user may be identified by a unique identifier appended to the shared telephone number.

The notification message may comprise an attachment which includes the received message, or the notification message may comprise a computer network address of a location where the received message may be accessed. For the latter case, the computer network address is preferably a universal resource locator (URL) associated with a web page at which the received message may be accessed. The received message may be accessed by allowing...

Claims:

...transmitted for delivery to a first user of a plurality of users of a shared telephone number, the first user being identified by a unique

identifier appended to the shared telephone number;
 and sending a second message to the first user to notify the first user of
 the first message.

11/3,K/56 (Item 56 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0009752308 - Drawing available
 WPI ACC NO: 2000-038559/200003
 XRPX Acc No: N2000-029114
 Appended message data relaying method in small wireless data networks
 for traffic routing
 Patent Assignee: SARNOFF CORP (SARN-N)
 Inventor: NEWMAN N P; NEWMAN P; STEPHENS E; STEPHENS W E; STILLER M;
 STILLER T M

Patent Family (11 patents, 22 countries)	
Patent Number	Application
Kind	Date
WO 1999055031	WO 1999US8724
US 6130881	US 199863198
BR 199909751	BR 19999751
EP 1074107	EP 1999918738
CN 1299541	CN 1999805300
KR 2001042878	KR 2000711654
JP 2002512479	JP 2000545275
US 6704283	US 199863198
EP 1074107	EP 1999918738
DE 69918290	DE 69918290
DE 69918290	DE 69918290

Priority Applications (no., kind, date): US 199863198 A 19980420; US
 2000506096 A 20000217

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999055031	A1	EN	29	4	
National Designated States,Original: BR CN JP KR					
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE					
IT LU MC NL PT SE					
BR 199909751	A	PT			PCT Application WO 1999US8724
EP 1074107	A1	EN			Based on OPI patent WO 1999055031
					PCT Application WO 1999US8724
					Based on OPI patent WO 1999055031
Regional Designated States,Original: DE FR GB IT SE					
JP 2002512479	W	JA	37		PCT Application WO 1999US8724

US 6704283	B1	EN	Based on OPI patent WO 1999055031
199863198			Continuation of application US
EP 1074107	B1	EN	Continuation of patent US 6130881
			PCT Application WO 1999US8724
			Based on OPI patent WO 1999055031
Regional Designated States, Original:			DE FR GB IT SE
DE 69918290	E	DE	Application EP 1999918738
			PCT Application WO 1999US8724
			Based on OPI patent EP 1074107
			Based on OPI patent WO 1999055031
DE 69918290	T2	DE	Application EP 1999918738
			PCT Application WO 1999US8724
			Based on OPI patent EP 1074107
			Based on OPI patent WO 1999055031

Appended message data relaying method in small wireless data networks for traffic routing

Original Titles:

...TRAFFIC ROUTING IN SMALL WIRELESS DATA NETWORKS

...

...TRAFFIC ROUTING IN SMALL WIRELESS DATA NETWORKS

...

...Traffic routing in small wireless data networks.

...

...Traffic routing in small wireless data networks

...

...TRAFFIC ROUTING IN SMALL WIRELESS DATA NETWORKS

Alerting Abstract ...NOVELTY - The message data comprising a route identifier and route update message is received at a node and a route table is updated based on the route update message. A neighboring node is chosen based on route table and the route identifier and route update message is replaced in the data and then transmitted to neighboring node. DESCRIPTION - The route table comprises multiple hop counts and relay indicators related to nodes in the network. The hop counts and relay indicators are updated based on the route update message. INDEPENDENT CLAIMS are also included for the following...

...method of transmitting message data within a wireless network;
method for receiving message data at node of wireless network;
node within a wireless network

USE - For relaying message data appended with route identifier and update message in small wireless data communication networks and wireless sub-networks of larger network for traffic routing.

ADVANTAGE - Enables transmission of network configuration data along with message without need for complex routing protocol, thereby reducing load on network. Performs efficient utilization of bandwidth as volume of information exchanged is less. Increases battery life in portable node as overhead

communication is reduced...

...DESCRIPTION OF DRAWINGS - The figure shows flowchart illustrating flow of routing and message data through node in wireless networks.

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A method for relaying, at a node (10) within a wireless network, received message data appended with route identifier and route update message, including updating a route table based on route update message appended to received message data (34), selecting a neighboring node based on the route table (44), replacing the route identifier and the route update message based on the updated route table (48), transmitting the message data appended with the replaced route identifier and the replaced update message to the selected neighboring node (50...

...A method of transmitting a message from a source node to a destination node in a small, wireless network having up to N nodes in which each message has appended thereto concise network configuration data which eliminates the need for routing protocols without adding significant overhead to the network communications. The method includes the steps of creating for each node a route table containing a count of the number of transmission hops necessary to reach each destination node and...

...node number of a neighboring node forming a next link in a chain of hops to each destination node, where the node number identifies a unique bit in an N bit address mask. Routing data is appended to the message data which includes an N bit destination word identifying the destination node or...

...logical OR of the address mask of the relay node or nodes, and a route update message identifying what the current node knows about the network configuration. The number of N bit words in the route update message indicates a maximum number of transmission hops away from the current node that the current node could know about the network configuration. Upon receipt of such message data and its routing data, all receiving nodes update their route tables from the route update message. Then, if the receiving node is a...

...A method of transmitting a message from a source node to a destination node in a small, wireless network having up to N nodes in which each message has appended thereto concise network configuration data which eliminates the need for routing protocols without adding significant overhead to the network communications. The method includes the steps of creating for each node a route table containing a count of the number of transmission hops necessary to reach each destination node and a node number of...

...logical OR of the address mask of the relay node or nodes, and a route update message identifying what the current node knows about the network configuration. The number of N bit words in the route update message indicates a maximum number of transmission hops away from the current node that the current node could know about the network configuration. Upon receipt of such message data and its routing data, all receiving nodes update their route tables from the route update message. Then, if the receiving node is a destination node, the message...

...A method for relaying, at a node (10) within a wireless network, received message data appended with route identifier and route update message, including updating a route table based on route update message appended to received message data (34), selecting a neighboring node based on the route table (44), replacing the route identifier and the route update message based on the updated route table (48), transmitting the message data appended with the replaced route identifier and the replaced update message to the selected neighboring node (50).

Claims:

...A method for relaying, at a node (10) within a wireless network, received message data appended with a route identifier and a route update message, said method comprising: updating (40) a route table based on the route update message appended to received message data; selecting at least one neighboring node (10) within the wireless network based on the route table; replacing (48) the route identifier and the route update message appended to the received message data based on the updated route table; and transmitting the message data appended with the replaced route identifier and the replaced route update message to the selected at least one neighboring node (10).

...

...A method of transmitting message data from a source node to a destination node in a wireless network having up to N nodes, where each node includes a transmitter and a receiver, comprising the steps of: creating for each node a route table containing a count of the number of transmission hops necessary to reach each remaining node in the wireless network and a node number of a neighboring node forming a next link in a chain of hops to each remaining node in the wireless network, said node number identifying a unique bit in an N bit address mask; appending, to message data to be transmitted from the source node to a destination node, an N bit destination word identifying the destination node or nodes, an N bit route word including a logical OR of the address mask of each node in the wireless network that is expected to retransmit the message data through said network, and a route update message identifying what the source node knows about the network configuration, the route update message having at least one N-bit ...hop count associated with the destination node as the binary number defined by the column of bits corresponding to the destination node; determining a destination identifier based on the at least one destination node; determining a route identifier based on the at least one destination node and the configuration of the wireless network known at the source node, the route identifier indicating at least one

neighboring node within the wireless network; determining a route update message including at least one connectivity mask based on the configuration of the wireless network known at the source node; and transmitting the message data appended with the destination identifier, the route identifier and the route update message.

11/3,K/57 (Item 57 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0009752187 - Drawing available
 WPI ACC NO: 2000-038405/200003
 XRPX Acc No: N2000-028987
 Supporting wireless communications within an inter-network formed by local area networks

Patent Assignee: SIEMENS INFORMATION & COMMUNICATIONS NET (SIEI)

Inventor: JACOBI E; KORPI M; KOZDON J; KOZDON P; KOZDON P J

Patent Family (10 patents, 22 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999052265	A1	19991014	WO 1999US3789	A	19990222	200003 B
EP 1070421	A1	20010124	EP 199908344	A	19990222	200107 E
			WO 1999US3789	A	19990222	
CN 1296691	A	20010523	CN 1999804838	A	19990222	200154 E
US 6584095	B1	20030624	US 199857352	A	19980408	200343 E
EP 1070421	B1	20040908	EP 199908344	A	19990222	200459 E
			WO 1999US3789	A	19990222	
DE 69919999	E	20041014	DE 69919999	A	19990222	200468 E
			EP 199908344	A	19990222	
			WO 1999US3789	A	19990222	
ES 2226347	T3	20050316	EP 199908344	A	19990222	200525 E
DE 69919999	T2	20050915	DE 69919999	A	19990222	200560 E
			EP 199908344	A	19990222	
			WO 1999US3789	A	19990222	
CN 1143512	C	20040324	CN 1999804838	A	19990222	200609 E
CA 2327731	C	20080122	CA 2327731	A	19990222	200810 E
			WO 1999US3789	A	19990222	

Priority Applications (no., kind, date): US 199857352 A 19980408

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999052265	A1	EN	27	5	
National Designated States,Original: CA CN IL					
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE					
IT LU MC NL PT SE					
EP 1070421	A1	EN	PCT Application WO 1999US3789		
			Based on OPI patent WO 1999052265		
Regional Designated States,Original: DE ES FR GB					
EP 1070421	B1	EN	PCT Application WO 1999US3789		
			Based on OPI patent WO 1999052265		
Regional Designated States,Original: DE ES FR GB					
DE 69919999	E	DE	Application EP 199908344		
			PCT Application WO 1999US3789		
			Based on OPI patent EP 1070421		

ES 2226347	T3 ES	Based on OPI patent WO 1999052265 Application EP 1999908344
DE 69919999	T2 DE	Based on OPI patent EP 1070421 Application EP 1999908344 PCT Application WO 1999US3789
CA 2327731	C EN	Based on OPI patent EP 1070421 Based on OPI patent WO 1999052265 PCT Application WO 1999US3789 Based on OPI patent WO 1999052265

Supporting wireless communications within an inter-network formed by local area networks

Alerting Abstract ...NOVELTY - A home network (10) is connected to local area networks (12,13,14) each including its own router-server (30,36,44) and wireless base station (32,42,50), local memories (28,38,46), Internet protocol telephones (26,40,48) and gateways (27,41,49). Each router-server is capable of uniquely assigning a dynamic Internet protocol telephony address to a particular wireless communication device (34) such as a cellular phone, sending a registration request to the router-server on powering up. Dynamic telephony addresses are assigned equal to the number of networks. DESCRIPTION - AN INDEPENDENT CLAIM is included for a system for supporting wireless communications within an inter-network.

...

...USE - Supporting wireless communications on local area networks.

...

...ADVANTAGE - Improved efficiency of call message handling in inter-networks.

...

...DESCRIPTION OF DRAWINGS - The drawing is a block diagram of wireless communication supporting system among interconnected networks

...

...10 Home network

...

...12,13,14 Local area networks

...

...30,36,44 Router-servers

...

...27,41,49 Gateways

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A system and method for supporting communications among multiple interconnected networks (10, 12, 13, 14) include assigning multiple dynamic telephony addresses to each wireless communication device (34) that registers in more than one network. The networks assign the addresses independently of each other. When an incoming call is directed to a particular wireless device via a first network, if the wireless device is beyond the transmission range of the first network, a locate-wireless-communication-device message may be single-cast, multicast or broadcast to remote networks, with instructions to return dynamic telephony addresses assigned to the device. While the telephony addresses are different in each network, each wireless device is associated with a device identifier that is universally applied in the internetwork. Upon receiving a telephony address from a remote network, the address is stored in local memory at the first network, thereby allowing access for subsequent incoming calls...

...A system and method for supporting communications among multiple interconnected networks include assigning multiple dynamic telephony addresses to each wireless communication device that registers in more than one network. The networks assign the addresses independently of each other. When an incoming call is directed to a particular wireless device via a first network, if the wireless device is beyond the transmission range of the first network, a locate-wireless-communication-device message may be single-cast, multicast or broadcast to remote networks, with instructions to return dynamic telephony addresses assigned to the device. While the telephony addresses are different in each network, each wireless device is associated with a device identifier that is universally applied in the internetwork. Upon receiving a telephony address from a remote network, the address is stored in local memory at the first network, thereby allowing access for subsequent incoming calls...

...A system and method for supporting communications among multiple interconnected networks (10, 12, 13, 14) include assigning multiple dynamic telephony addresses to each wireless communication device (34) that registers in more than one network. The networks assign the addresses independently of each other. When an incoming call is directed to a particular wireless device via a first network, if the wireless device is beyond the transmission range of the first network, a locate-wireless-communication-device message may be single-cast, multicast or broadcast to remote networks, with instructions to return dynamic telephony addresses assigned to the device. While the telephony addresses are different in each network, each wireless device is associated with a device identifier that is universally applied in the internetwork. Upon receiving a telephony address from a remote network, the address is stored in local memory at the first network, thereby allowing access for subsequent incoming calls...

Claims:

...supporting communications within an internetwork, including communications involving wireless communication devices (34) that are relocatable among transmission regions of said internetwork, comprising: a plurality of networks (10, 12, 13, 14) that are interlinked to form said internetwork, each network including: (a) a base station (24, 32,

42, 50) having a generally fixed transmission region with respect to supporting communications with said wireless communication devices...

...30, 36, 44) for establishing communication links and for assigning a dynamic internetwork protocol telephony address to each wireless communication device from which a device identifier is received via said base station, said device identifier being specific to said each wireless communication device, said assigned dynamic telephony address having a unique association with said each wireless communication device within said each network and said unique association being independent of assigned dynamic telephony addresses to said each wireless communication device in other networks of said plurality of networks, characterised in that said system further comprises: (c) a local memory means (20, 28, 38, 46) for storing dynamic telephony addresses assigned to said wireless communication devices, each local memory means having stored data representative of associations between each device identifier and dynamic telephony addresses assigned by selected networks to the wireless communication device to which said each device identifier is specific, said selected networks including a local network in which said local memory means is included and further including first remote networks from which said local network receives a dynamic telephony address assigned by said remote network, and wherein said each call control means is further configured to transmit a locate-wireless-communication-device message to said first remote networks for which local memory access to a dynamic telephony address is unavailable when an incoming call is directed to said remotely located wireless communication device, said locate-wireless-communication-device message including said device identifier that is specific to said remotely located wireless communication device and including a request for dynamic telephony addresses assigned to said remotely located wireless communication device by said remote networks.

...supporting communications within an internetwork, including communications involving wireless communication devices that are relocatable among transmission regions of said internetwork, comprising: first, second and third networks that are interlinked to at least partially form said internetwork, said networks being linked networks of a single business enterprise, each said network including: (a) a base station having a generally fixed transmission region with respect to supporting communications with said wireless communication devices; and (b) a call...

...said base station for establishing communication links and for assigning a dynamic internetwork protocol telephony address to each wireless communication device from which a device identifier is received via said base station, said device identifier being specific to said each wireless communication device, said assigned dynamic telephony address having a unique association with said each wireless communication device within said each network and said unique association being independent of assigned dynamic telephony addresses to said each wireless communication device in other networks of said first, second and third networks, wherein each said call control means of said first, second and third networks is configured to transmit an internetwork locate-wireless-communication-device message in response to determining (1) that a dynamic telephony address assigned by another said...

...of said base station with which said each call control means is cooperative, and wherein said internetwork locate-wireless-communication-device message includes said device identifier that is specific to said particular wireless communication device and includes a request for dynamic telephone addresses assigned to said particular wireless communication device by...

11/3,K/58 (Item 58 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0009738644 - Drawing available
 WPI ACC NO: 2000-024347/200003
 Related WPI Acc No: 1999-426815; 2000-683847; 2001-098464; 2001-119926;
 2001-119927; 2001-176784
 XRPX Acc No: N2004-170182

Mobile Internet used in mobile communication network, has mobile router for exchanging data packets among mobile hosts, gateway router between mobile router and stationary Internet, and another mobile router linked to another gateway router

Patent Assignee: LG INFORMATION & COMMUNICATIONS LTD (GLDS)

Inventor: BYUNG-KEUN KIM; LIM B G; LIM B K

Patent Family (5 patents, 3 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
CN 1230085	A	19990929	CN 1998126559	A	19981225	200003 B
US 6697355	B1	20040224	US 1998190613	A	19981112	200421 ETAB
KR 1999060517	A	19990726	KR 199780744	A	19971231	200043 E
KR 272567	B	20001115	KR 199780744	A	19971231	200367 E
CN 1099205	C	20030115				200532 E

Priority Applications (no., kind, date): KR 199780744 A 19971231

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
CN 1230085	A	ZH	1	5	
KR 1999060517	A	KO		5	
KR 272567	B	KO			Previously issued patent KR 99060517
US 6697355	B1	EN	12	5	

Mobile Internet used in mobile communication network, has mobile router for exchanging data packets among mobile hosts, gateway router between mobile router and stationary Internet, and another mobile router linked to another gateway router

Original Titles:

Method and apparatus for communication using a mobile internet in a mobile communication network

Alerting Abstract ...NOVELTY - The mobile Internet (301) has a mobile router (MRT21) for exchanging data packets among several mobile hosts (MHT11-MHT13). A gateway router (GWR1) is connected between the mobile router and a stationary Internet (400). Another mobile router is

connected to another gateway router (GWR2) having an identifier corresponding to an external sub network of the stationary Internet. DESCRIPTION - The gateway router (GWR1) has an identifier corresponding to a sub network of the stationary Internet. The mobile router (MRT21) manages the locations and registration of the mobile identification numbers and mobile host numbers of the mobile hosts. The sub network corresponds to a home network which includes the gateway router (GWR1), mobile router (MRT21) and a portion of the mobile hosts. Some of the mobile hosts are located in an area corresponding to the external sub network but are not registered in the other mobile router. If the mobile host in the external sub network initiates a call to a mobile host in the home network, the gateway router (GWR1) requests the mobile router (MRT21) to establish a communication path to the mobile host in the home network based on the IP address of the mobile host identifier corresponding to the mobile host in the home network. INDEPENDENT CLAIMS are included for the following...

...Communication method in a mobile communication network; and Packet data communication method...

...USE - For use in a mobile communication network.
...

...ADVANTAGE - Provides a mobile Internet that uses existing code division multiple access (CDMA) or frequency division multiple access (FDMA) type of mobile communication network. Allows continual mobile Internet protocol (IP) service without disconnection when a mobile station moves among adjacent cells. Provides high-quality service in which a call is not disconnected even during the movement of...

...Provides a mobile Internet that can be implemented without the addition of a mobile agent system and a new protocol to the existing CDMA type mobile telephone network and personal communication network.
...

...DESCRIPTION OF DRAWINGS - The figure shows the mobile Internet data communication network connection.
...

...GWR1, GWR2 Gateway routers

Title Terms.../Index Terms/Additional Words: NETWORK; ...

...GATEWAY;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Mobile Internet system and method in a mobile communication network is disclosed, in which a mobile host given an Internet Protocol address uses an existing Code Division Multiple Access type mobile

network and an Home Location Register and an Inter-Working Unit in a personal communication system network to establish communications without restricting a mobile host to a particular network. The mobile Internet system and method includes a plurality of mobile hosts, a plurality of mobile access points, a mobile router, and a plurality of gateway routers.

Claims:

...1. A mobile Internet, comprising: a plurality of mobile hosts; a first data interfacer which exchanges data packets among said mobile hosts; and a first gateway router connected between said data interfacer and a stationary Internet and having an identifier corresponding to a subnetwork of the stationary Internet, each of said mobile hosts having a mobile identification number (MID) and mobile host identifier (ID) which corresponds to an IP address within the subnetwork of the first gateway router, said first data interfacer managing locations and registering the mobile identification number (MID) and mobile host identifier (ID) of each of said mobile hosts wherein the subnetwork corresponds to a home network which includes the first gateway router, said first data interfacer, and at least a portion of said mobile hosts; a second gateway router having an identifier which corresponds to an external subnetwork of the stationary Internet; and a second data interfacer connected to the second gateway router, wherein at least one of said mobile hosts is located in an area corresponding to the external subnetwork but is not registered in said second data interfacer, wherein if the mobile host in the external subnetwork initiates a call to a mobile host in the home network, the first gateway router requests said first data interfacer to establish a communication path to the mobile host in the home network, said first data interfacer establishing said communication path based on the IP address of the mobile host identifier (ID) corresponding to the mobile host in the home network.>

11/3,K/59 (Item 59 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009737020 - Drawing available
WPI ACC NO: 2000-022450/200002
Related WPI Acc No: 2000-663965; 2004-812021; 2005-282468
XRPX Acc No: N2000-016668
Distributed power management method in laptop computer, notebook computer
Patent Assignee: VADEM (VADE-N)
Inventor: MITCHELL P M; PHUNG X N; VELASCO F
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5987614	A	19991116	US 1997877140	A	19970617	200002 B

Priority Applications (no., kind, date): US 1997877140 A 19970617

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5987614	A	EN	34	19		

Alerting Abstract ...USE - In laptop computer, notebook computer, palm top computer, personal data assistance, handheld communication device, wireless telephone, etc...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...provided for reducing power consumption in a computer system without sacrificing computer performance or inhibiting a computer user's rapid access to the computer. An identifier, such as a device address, network address, serial number, and the like, is associated with each device or resource. Communications over a communications link such as a parallel bus, serial bus, or wireless link, are monitored by each device to determine device identifiers communicated over the link, and these identifiers are compared to the identifier associated with the monitoring device. Each device monitors the communications and is responsible for self-controlling its operating condition to minimize power consumption. Each device includes a first component...

...time period. Typically, the first component withholds a device operating input, for example a clock signal, from the second component when none of the communicated identifiers match the particular device; and provide the operating input when one matches. In the first component, the number of circuit elements is reduced so that the number of circuit...

Claims:

...device and a communications link for communicating with said device, a method for managing power consumption by said computer system comprising: associating a particular device identifier with said device; monitoring communications over said communications link to determine whether said communications include said particular device identifier; withholding a device operating input from said device when said communications do not include said particular device identifier; and providing said device operating input to said device only when said communications include said particular device identifier; said providing of said device operating input causing said device to transition from a non-operational power conservative state to an operational state wherein said device consumes more power than in said non-operational state.

11/3,K/60 (Item 60 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009692101 - Drawing available
WPI ACC NO: 1999-229702/199919
XRPX Acc No: N1999-169981

Call tapping method for satellite-based mobile communications system - using correspondence index in database of satellite-based mobile communications exchange, in which identifier of national or international organisation is associated with at least one area index of geographical section

Patent Assignee: SIEMENS AG (SIEI)
 Inventor: GABE A; GROHS J; IBERL R; TSCHORN H; TSCHORN H J
 Patent Family (10 patents, 19 countries)

Patent		Application		Kind		Date	Update
Number	Kind	Date	Number	Kind	Date	Update	
WO 1999014970	A1	19990325	WO 1998DE2685	A	19980910	199919	B
DE 19741216	A1	19990602	DE 19741216	A	19970918	199928	E
DE 19741216	C2	19991014	DE 19741216	A	19970918	199947	E
EP 1016304	A1	20000705	EP 1998952560	A	19980910	200035	E
			WO 1998DE2685	A	19980910		
CN 1271501	A	20001025	CN 1998809305	A	19980910	200104	E
US 6226498	B1	20010501	WO 1998DE2685	A	19980910	200126	E
			US 2000531192	A	20000320		
EP 1016304	B1	20020710	EP 1998952560	A	19980910	200253	E
			WO 1998DE2685	A	19980910		
DE 59804742	G	20020814	DE 59804742	A	19980910	200255	E
			EP 1998952560	A	19980910		
			WO 1998DE2685	A	19980910		
ES 2180208	T3	20030201	EP 1998952560	A	19980910	200322	E
CN 1109478	C	20030521	CN 1998809305	A	19980910	200541	E

Priority Applications (no., kind, date): DE 19741216 A 19970918

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999014970	A1	DE	29		
National Designated States,Original: CN US					
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE					
IT LU MC NL PT SE					
EP 1016304	A1	DE			PCT Application WO 1998DE2685
					Based on OPI patent WO 1999014970
Regional Designated States,Original: DE ES FR GB					
US 6226498	B1	EN			Continuation of application WO
					1998DE2685
EP 1016304	B1	DE			PCT Application WO 1998DE2685
					Based on OPI patent WO 1999014970
Regional Designated States,Original: DE ES FR GB					
DE 59804742	G	DE			Application EP 1998952560
					PCT Application WO 1998DE2685
					Based on OPI patent EP 1016304
					Based on OPI patent WO 1999014970
ES 2180208	T3	ES			Application EP 1998952560
					Based on OPI patent EP 1016304

...using correspondence index in database of satellite-based mobile communications exchange, in which identifier of national or international organisation is associated with at least one area index of geographical section

Alerting Abstract ...The method includes storing a correspondence index (MLT) in a database (IU) of a satellite-based mobile communications exchange (SMSC1). In the corresponding index an identifier index (AOISDN1) of a national or international organisation (A01...) is associated with at least one area index (LAC1...) of a geographical section. A tapping file...

...index, whether the national or international organisations are authorised to monitor the call in the geographical section, in which the subscriber is located. The organisation identifier indexes are associated with the international phone number in the tapping file, when the monitoring is allowed. The data sent or received to the mobile...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...a geographical sub-area is allocated to an authorisation-organisation identification code. A tap file which contains a recording of the telephone number of the mobile subscriber to be bugged is also stored. When an attempt is made to set up a communication link to or from the mobile subscriber, the...

...in a mobile switching center. In the correspondence table, at least one local area code for a geographical subarea is assigned to each authorization organization number of an authorization organization. Furthermore, a supervision file is stored in which a mobile subscriber number is entered for a mobile subscriber who is to...

Claims:

...Method for monitoring communications links in a mobile radio system, which has at least one mobile switching centre (MSCI), which is networked with further mobile switching centres (MSC2...) and/or allows access to other communications networks (PSTN, PLMN), has at least one radio network management device (RNM), which assigns radio resources to communications links within a geographical subarea, and at least one base station (BS), which is connected to...

...information via a communications link to/from at least one first mobile station (MS1) of a mobile subscriber (MSUB1), in which an MC-LAC table is stored in an interception unit (IU) in the mobile switching centre (MSC1), in which table at least one local area code (LAC1...) of a geographical subarea is assigned to each authorization organization ISDN number (AOISDN1...) of a regional, national or international authorization organization (AO1...), a supervision file (SF) is...

...comprises: providing, in a mobile radio system, a mobile switching center connected to at least one of a further mobile switching center and a communications network; assigning, with a radio network management device, radio resources to a communications link within a geographical subarea, the radio network management device being connected to a base station for transmitting and receiving information via the communications link to/from a mobile station of a mobile...

...storing a supervision file in the interception unit, and entering, into the supervision file, an international mobile subscriber number for the mobile subscriber to be monitored by the authorization organization; using the correspondence table for determining whether the authorization organization is authorized to monitor the communications link in the geographical subarea identified by the local area code, if an attempt to set up a connection from/to the mobile station of the mobile...

11/3,K/61 (Item 61 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0009657776 - Drawing available
 WPI ACC NO: 1999-610679/199952
 XRPX Acc No: N1999-449980
 Security system used in bank and business for establishing customer
 identification and determining business transaction approval with customer
 Patent Assignee: FIRST UNION CORP (FIRS-N); WACHOVIA CORP (WACH-N)
 Inventor: MORRISON W T
 Patent Family (5 patents, 83 countries)
 Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1999048236	A2	19990923	WO 1999US4041	A	19990225	199952 B
AU 199928762	A	19991011	AU 199928762	A	19990225	200008 E
US 6105011	A	20000815	US 199844503	A	19980319	200041 E
EP 1072008	A2	20010131	EP 1999909590	A	19990225	200108 E
			WO 1999US4041	A	19990225	
AU 757952	B	20030313	AU 199928762	A	19990225	200328 E

Priority Applications (no., kind, date): US 199844503 A 19980319

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1999048236	A2	EN	47	5		
National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH						
CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR						
KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI						
SK SL TJ TM TR TT UA UG UZ VN YU ZW						
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH						
GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW						
AU 199928762	A	EN			Based on OPI patent	WO 1999048236
EP 1072008	A2	EN			PCT Application	WO 1999US4041
					Based on OPI patent	WO 1999048236
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR						
IE IT LI LT LU LV MC MK NL PT RO SE SI						
AU 757952	B	EN			Previously issued patent	AU 9928762
					Based on OPI patent	WO 1999048236

Original Titles:

...SYSTEME ET PROCEDE DE SECURITE DESTINES A DES TRANSACTIONS COMMERCIALES
 AVEC DES CLIENTS

...

...SYSTEME ET PROCEDE DE SECURITE DESTINES A DES TRANSACTIONS COMMERCIALES
 AVEC DES CLIENTS

Alerting Abstract ...NOVELTY - The security system has a card encoding
 device (10) for issuing each customer with individual customer
 identification card. A transaction station, which includes a card
 reader (16), a custom keypad (18) and a microreader (22), is provided for
 conducting business transactions with...

DESCRIPTION - The card encoding device encodes personalized multidigit customer identification number and predetermined ~~personal information~~ regarding the customer for subsequent identification of the customer. The card reader is provided for the encoded information on each customer identification card presented by...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...customer is issued an individualized customer identification card having at least a personalized multidigit customer identification number encoded thereon and, optionally, also encoded with additional ~~personal data~~ identifying the customer. To cash a check or conduct another form of business transaction, whether at an attended customer service station or at an automated machine, the encoded data on the identification card is read and the customer is required to input the personalized identification number assigned to the card. The transaction is not approved unless the customer correctly inputs the assigned identification number. In contemplated ~~embodiments~~, the encoded data along with data regarding the transaction requested by the customer, e.g., obtained by optical scanning of a check or other item presented...

...customer is issued an individualized customer identification card having at least a personalized multidigit customer identification number encoded thereon and, optionally, also encoded with additional ~~personal data~~ identifying the customer. To cash a check or conduct another form of business transaction, whether at an attended customer service station or at an automated machine, the encoded data on the identification card is read and the customer is required to input the personalized identification number assigned to the card. The transaction is not approved unless the customer correctly inputs the assigned identification number. In contemplated ~~embodiments~~, the encoded data along with data regarding the transaction requested by the customer, e.g., obtained by optical scanning of a check or other item presented by...

...customer is issued an individualized customer identification card having at least a personalized multidigit customer identification number encoded thereon and, optionally, also encoded with additional ~~personal data~~ identifying the customer. To cash a check or conduct another form of business transaction, whether at an attended customer service station or at an automated machine, the encoded data on the identification card is...

...the customer is required to input the personalized identification number assigned to the card. The transaction is not approved unless the customer correctly inputs the assigned identification number. In contemplated ~~embodiments~~, the encoded data along with data regarding the transaction requested by the customer, e.g., obtained by optical scanning of a check or other item presented by the customer, is transmitted...

...L'invention concerne un systeme et un procede de securite permettant d'identifier facilement des clients avant l'encaissement de cheques, d'autres transactions de paiement ou d'autres transactions commerciales, chaque client etant dote d'une carte d'identification de client personnalisee codee avec au moins un numero d'identification personnel de client a plusieurs chiffres et eventuellement codee egalement avec des donnees personnelles supplementaires identifiant le client. Pour l'encaissement d'un cheque ou pour une autre forme de transaction commerciale, que ce soit a un guichet pour clients ou a une machine automatique, les donnees codees sur la carte d'identification sont lues et le client est prie d'entrer le numero d'identification personnel attribue a la carte. La transaction ne s'effectue pas tant que le client n'entre pas correctement le numero d'identification attribue. Dans des modes de realisation prevus, les donnees codees et les donnees concernant la transaction demandee par le client, obtenues par exemple par balayage optique d'un cheque ou d'un autre produit presente par le client, sont transmises ensemble a un systeme informatique central qui execute une analyse ou un algorithme d'approbation-desapprobation.

Claims:

11/3,K/62 (Item 62 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0009524912 - Drawing available

WPI ACC NO: 1999-469180/199939

XRFX Acc No: N1999-350326

Battery type identification system for e.g. cellular telephone, battery charger, battery operated electronic communication device
 Patent Assignee: ERICSSON INC (TELF)
 Inventor: HARTZELL P D; LEE T M; MILLER B D; NADING F P; NORTHCUTT J W
 Patent Family (8 patents, 81 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999038238	A1	19990729	WO 1999US208	A	19990106	199939 B
AU 199920270	A	19990809	AU 199920270	A	19990106	200001 E
US 6014008	A	20000111	US 199812122	A	19980122	200010 E
BR 199907111	A	20001024	BR 19997111	A	19990106	200058 E
			WO 1999US208	A	19990106	
EP 1050095	A1	20001108	EP 1999900760	A	19990106	200062 E
			WO 1999US208	A	19990106	
CN 1288601	A	20010321	CN 1999802300	A	19990106	200137 E
EP 1050095	B1	20030709	EP 1999900760	A	19990106	200353 E
			WO 1999US208	A	19990106	
DE 69909431	E	20030814	DE 69909431	A	19990106	200361 E
			EP 1999900760	A	19990106	
			WO 1999US208	A	19990106	

Priority Applications (no., kind, date): US 199812122 A 19980122

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999038238	A1	EN	37	5	

National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT UA UG UZ VN YU ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH
GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
AU 199920270 A EN Based on OPI patent WO 1999038238
BR 199907111 A PT PCT Application WO 1999US208
Based on OPI patent WO 1999038238
EP 1050095 A1 EN PCT Application WO 1999US208
Based on OPI patent WO 1999038238

Regional Designated States,Original: BE DE ES FI FR GB SE
EP 1050095 B1 EN PCT Application WO 1999US208
Based on OPI patent WO 1999038238

Regional Designated States,Original: BE DE ES FI FR GB SE
DE 69909431 E DE Application EP 199900760
PCT Application WO 1999US208
Based on OPI patent EP 1050095
Based on OPI patent WO 1999038238

Battery type identification system for e.g. cellular telephone,
battery charger, battery operated electronic communication device

Alerting Abstract ...USE - For e.g. cellular telephones,
battery chargers, battery operated electronic communication devices. Used
to establish and communicate battery specific serial numbers,
date codes, manufacturers and manufacturing locations...

...ADVANTAGE - Generates unique binary battery identification
codes in response to actuation of the input switch array by an attached
battery pack. Enables representing eight unique states or eight unique
battery types...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The present invention entails a battery identification system to be
utilized by cellular telephones, battery chargers, and
other electrical devices for identification of the battery types
employed within such devices. The battery identification system comprises a
battery type identification circuit that includes one or more input
switches that are coupled to a voltage divider network that is made
up of a series of voltage divider segments. Each voltage divider
segment is designed to produce a signal that is indicative of the on/off
state...

...The present invention entails a battery identification system to be
utilized by cellular telephones, battery chargers, and
other electrical devices for identification of the battery
types employed within such devices. The battery identification system
comprises a battery type identification circuit that includes one or more
input switches that are coupled to a voltage divider network that is
made up of a series of voltage divider segments. Each voltage divider

segment is designed to produce a signal that is indicative of the on/off state of...

...The present invention entails a battery identification system to be utilized by cellular telephones, battery chargers, and other electrical devices for identification of the battery types employed within such devices. The battery identification system comprises a battery type identification circuit that includes one or more input switches that are coupled to a voltage divider network that is made up of a series of voltage divider segments. Each voltage divider segment is designed to produce a signal that is indicative of the on/off state of a particular input switch...

...La presente invention concerne un systeme d'identification de batteries destine a etre utilise dans les telephones cellulaires, et d'autres dispositifs electriques pour identifier les types de batteries utilisees dans ces dispositifs. Le systeme d'identification de batteries comprend un circuit d'identification de batteries incluant un ou plusieurs commutateurs d'entree couples a un reseau de diviseurs de tension compose d'une...

Claims:

...including: (i) one or more input switches adapted to mate with the one or more switch actuators associated with the battery; (ii) a voltage divider network connected between a regulated voltage supply and a reference voltage; (iii) the voltage divider network operatively connected to at least one input switch and including a primary resistor connected in series between the input switch and the regulated voltage; and (iv) wherein the battery type identification circuit produces an output signal that is a function of the one or more switch actuators associated with the battery and which identifies the type of the battery.

11/3,K/63 (Item 63 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009489643 - Drawing available
WPI ACC NO: 1999-431785/199937
XRPX Acc No: N1999-321449
Postage metering system for printing postage indicia
Patent Assignee: PITNEY BOWES INC (PITB)
Inventor: GRAVELL L A; GRAVELL L V; LEE D K; PIERCE P A; RILEY D W; RYAN F;
RYAN F W

Patent Family (10 patents, 31 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 927961	A2	19990707	EP 1998124251	A	19981218	199937 B
AU 199897175	A	19990708	AU 199897175	A	19981217	199938 E
CN 1223413	A	19990721	CN 1998125395	A	19981218	199947 E
CA 2256178	A1	19990618	CA 2256178	A	19981216	199949 E
JP 11296711	A	19991029	JP 1998378107	A	19981218	200003 E
BR 199805463	A	19991116	BR 19985463	A	19981218	200012 E
US 6085181	A	20000704	US 1997993354	A	19971218	200036 E
AU 764065	B	20030807	AU 199897175	A	19981217	200362 E
CA 2256178	C	20031007	CA 2256178	A	19981216	200367 E

JP 4272285 B2 20090603 JP 1998378107 A 19981218 200936 E
Priority Applications (no., kind, date): US 1997993354 A 19971218

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 927961	A2	EN	18	7		

Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR
IE IT LI LT LU LV MC MK NL PT RO SE SI

CA 2256178	A1	EN				
JP 11296711	A	JA	46			
BR 199805463	A	PT				
AU 764065	B	EN			Previously issued patent	AU 9897175
CA 2256178	C	EN				
JP 4272285	B2	JA	17		Previously issued patent	JP 11296711

Original Titles:

...Postage metering system and method for a stand-alone meter operating as
a meter **server** on a **network**

...

...POSTAGE METHOD AND SYSTEM FOR INDEPENDENT METER FUNCTIONING AS METER
SERVER ON NETWORK

...

...Postage system and the method for independent type/mold meter which acts
as a meter **server** on a **network**

...

...Postage metering system and method for a stand-alone meter operating as
a meter **server** on a **network**.

Alerting Abstract ...NOVELTY - A **network** personal computer (PC)
metering system (10) includes **client PCs** (20) coupled to a
network server (30) and each postal security device (PSD) (40)
is coupled to one **client PC**, including a conventional display,
keyboard and an unsecured printer (20). Optionally each **client PC** may
access a **network printer** (23) and the system preferably contains
several PSDs with at least one being coupled to several **client**
PCs. When a PSD is accessed, the accessing attached PC becomes a
meter **server PC**, while an unattached PC that accesses the PSD
functions as a stand-alone PC meter...USE - Printing postage indicia in
network of **PCs**

...

...ADVANTAGE - Allowing access to further PSDs in **network** during fund
limitation...

...10 **Network metering system**...

...20 **Client PCs**

...

...30 **Network server**

...

...23 Network printer

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A postage metering system includes a plurality of printer modules (20, 22) operatively connected as part of a network (10) and operating as client printer modules on the network. A postal security device (40) (PSD) is coupled directly to a local one of the client printer modules (20, 22). The PSD (40) includes unique identification, postal value storage and a digital signature generator. The client printer modules (20, 22) function as a postage metering network (10) wherein one of the client printer modules remote to the PSD (40) requests evidence of postage payment from the PSD (40) through the local client printer module for concluding postage metering transactions. The local client printer module functions as a stand-alone meter when requests for evidence of postage payment from the PSD are initiated at the local client printer module. The local client printer module initiates local requests for evidence of postage payment to be printed at the local client printer modules and receives remote requests for evidence of postage payment from the remote client printer modules. The remote requests include identification of the remote client printer modules. The local client printer module sends each request for evidence of postage payment to the PSD (40) and receives from the PSD (40) the evidence of postage payment including a digital signature corresponding to each request for evidence of postage payment;. The local client printer module sends the evidence of postage payment to the remote client printer modules in response to the remote request, and prints the evidence of postage payment in response to the local request... ..printing postage sealing using a personal computer. More Specifically, It is related with the postage meter system and method of printing postage sealing in the network of a personal computer...

...A postage metering system includes a plurality of printer modules operatively connected as part of a network and operating as client printer modules on the network. A postal security device (PSD) is coupled directly to a local one of the client printer modules. The PSD includes unique identification, postal value storage and a digital signature generator. The client printer modules function as a postage metering network wherein a one of the client printer modules remote to the PSD requests evidence of postage payment from the PSD through the local client printer module for concluding postage metering transactions. The local client printer module function as a stand-alone meter when requests for evidence of postage payment from the PSD are initiated at the local client printer module. The local client printer module initiates local requests for evidence of postage payment to be printed at the local client printer modules and receives remote requests for evidence of postage payment from the remote client printer modules. The remote requests include identification of the remote client printer modules. The local client printer module sends each request for evidence of postage payment to the PSD and receives from the PSD the evidence of postage payment including a digital signature corresponding to each request

for evidence of postage payment;. The local client printer module sends the evidence of postage payment to the remote client printer modules in response to the remote request, and prints the evidence of postage payment in response to the local request.

Claims:

1. A postage metering system comprising: a plurality of printing means (20, 22) operatively connected as part of a network (10) and operating as client printing means on the network, the client printing means including processor, memory and storage means; a postal security device (40) (PSD) coupled directly to a first one of the client printing means (20, 22) (local client printing means); the PSD (40) including unique identification, postal value storage means and digital signature means; means in the client printing means (20, 22) for functioning as a postage metering network wherein one of the client printing means remote to the PSD requests first evidence of postage payment from the PSD through the local client printing means for concluding postage metering transactions; and means in the local client printing means (20, 22) for functioning as a stand-alone meter when requests for second evidence of postage payment from the PSD are initiated at the local client printing means...

...Postage meter systemWHEREIN:It connects in action|operation as a part of computer network, and they are a processor, a memory, and a memory|storage means.Several printing means to act|operate on the said network as a client printing means containing these,It directly bond|couples to the 1st client printing means (client printing means in a station|game), and they are an original identifier, a mail price memory|storage means, and a digital signature means.The mail security device (PSD) containing these,Within the said client printing means, provide a means to function as a postage meter network, and one said remote client printing means from said PSD,In order to complete postage meter transaction, 1st authentication of the postage payment from said PSD is request|required through the said client printing means in a station|game,When the request|requirement of 2nd authentication of the postage payment from said PSD is started within the said client printing means in a station|game, a means to function as independent type|mold meter in the said client printing means in a station|game is provided,The system characterized by the above-mentioned...

...A postage metering system comprising:a plurality of printing means operatively connected as part of a network and operating as client printing means on the network, the client printing means including processor, memory and storage means;a postal security device (PSD) coupled directly to a first one of the client printing means, local client printing means; the PSD including unique identification, postal value storage means and digital signature means;means in the client printing means for functioning as a postage metering network wherein one of the client printing means remote to the PSD requests first evidence of postage payment from the PSD through the local client printing means for concluding postage metering transactions; andmeans in the local client printing means for functioning as a stand-alone meter when requests for second evidence of postage payment from the PSD are initiated at the local client printing means.

11/3,K/64 (Item 64 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0009420289 - Drawing available
 WPI ACC NO: 1999-357932/199930
 XRPX Acc No: N1999-266475
 Automated telemeeting session implanting method e.g. for automatically
 arranging for controlling participation in telemeetings
 Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF)
 Inventor: JOHNSON B E R; JONSSON B
 Patent Family (4 patents, 81 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999027701	A1	19990603	WO 1998SE2079	A	19981117	199930 B
AU 199912684	A	19990615	AU 199912684	A	19981117	199944 E
EP 1034650	A1	20000913	EP 1998956080	A	19981117	200046 E
			WO 1998SE2079	A	19981117	
US 6272214	B1	20010807	US 1997977070	A	19971124	200147 E

Priority Applications (no., kind, date): US 1997977070 A 19971124

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1999027701	A1	EN	22	4		
National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH						
CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ						
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK						
SL TJ TM TR TT UA UG UZ VN YU ZW						
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH						
GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW						
AU 199912684	A	EN			Based on OPI patent	WO 1999027701
EP 1034650	A1	EN			PCT Application	WO 1998SE2079
					Based on OPI patent	WO 1999027701
Regional Designated States,Original: DE FR GB						

Alerting Abstract ...NOVELTY - The method involves inputting definition information to a service node to define the telemeeting session. An identifier associated with the telemeeting session is output from the service node, responsive to the definition information. The identifier is distributed in an invitation message to one of several intended session participants. A response from the intended session participants is received at a location associated with the identifier. A personal reference is distributed to one of the intended session participants. A request to participate in the telemeeting session from the intended session participants...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

One or more unique identifiers are created (206) which are associated directly with an upcoming telemeeting (202). For example, a

unique identifier can be a preselected telephone number in a PSTN (103), or a URL that identifies an address on the World Wide Web. In one embodiment, a telemeeting is administered automatically under the control of a communications network's service node (101). Intended participants are invited (208) to the meeting by including the unique identifier along with a notification message, such as, for example, in a facsimile message, e-mail message, page message, voice mail message, or bulletin board announcement. Using the unique identifier and suitable terminal equipment, any recipient of the notification message can call (210) the telephone number (or click on the URL). In response to such a call, the service node generates and distributes (212) to the recipient caller a personal reference, which is a unique telephone number (or URL address). The recipient caller then uses the personal reference to access and join the telemeeting via an appropriate node (110, 120) (e.g., to minimize calling distance costs, etc...

...One or more unique identifiers are created which are associated directly with an upcoming telemeeting. For example, a unique identifier can be a preselected telephone number in a PSTN, or a URL that identifies an address on the World Wide Web. In one embodiment, a telemeeting is administered automatically under the control of a communications network's service node. Intended participants are invited to the meeting by including the unique identifier along with a notification message, such as, for example, in a facsimile message, e-mail message, page message, voice mail message, or bulletin board announcement. Using the unique identifier and suitable terminal equipment, any recipient of the notification message can call the telephone number (or click on the URL). In response to such a call, the service node generates and distributes to the recipient caller a personal reference, which is a unique telephone number (or URL address). The recipient caller then uses the personal reference to access and join the telemeeting via an appropriate node (e.g., to minimize calling distance, costs, etc...

...One or more unique identifiers are created (206) which are associated directly with an upcoming telemeeting (202). For example, a unique identifier can be a preselected telephone number in a PSTN (103), or a URL that identifies an address on the World Wide Web. In one embodiment, a telemeeting is administered automatically under the control of a communications network's service node (101). Intended participants are invited (208) to the meeting by including the unique identifier along with a notification message, such as, for example, in a facsimile message, e-mail message, page message, voice mail message, or bulletin board announcement. Using the unique identifier and suitable terminal equipment, any recipient of the notification message can call (210) the telephone number (or click on the URL). In response to such a call, the service node generates and distributes (212) to the recipient caller a personal reference, which is a unique telephone number (or URL address). The recipient caller then uses the personal reference to access and join the telemeeting via an appropriate node (110, 120) (e.g., to minimize calling distance costs, etc...

Claims:

...telemeeting session in a system comprising a plurality of service nodes, each one of said plurality of service nodes connected to at least a

telecommunications network and having control of a plurality of communications nodes, said method comprising the steps of:having authenticated and authorized access to one of said plurality of service...

...service nodes to define the telemeeting session;responsive to said definition information, outputting from said one of said plurality of service nodes at least one identifier associated with the telemeeting session;distributing said at least one identifier in an invitation message to at least one of a plurality of intended session participants;receiving at a first of said plurality of communications nodes associated with said at least one identifier, a response to participate, from said at least one of said plurality of intended session participants, said response further including at least one user preference;distributing, from said one of said plurality of service nodes ...

11/3,K/65 (Item 65 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009401458 - Drawing available
WPI ACC NO: 1999-337600/199928
XRPX Acc No: N1999-253024
Telephones group with collectively group identifier phone call connecting
Patent Assignee: ERICSSON GE MOBILE COMMUNICATIONS INC (TELF); ERICSSON INC (TELF)
Inventor: SCHMIDT P
Patent Family (15 patents, 80 countries)

Patent		Application		Kind		Date		Update	
Number	Kind	Date	Number	Kind	Date	Update			
WO 1999023843	A1	19990514	WO 1998US18746	A	19980910	199928	B		
AU 199892266	A	19990524	AU 199892266	A	19980910	199940	E		
US 6018668	A	20000125	US 1997964215	A	19971104	200012	E		
EP 1027810	A1	20000816	EP 1998944816	A	19980910	200040	E		
			WO 1998US18746	A	19980910				
BR 199813904	A	20000926	BR 199813904	A	19980910	200051	E		
			WO 1998US18746	A	19980910				
CN 1285121	A	20010221	CN 1998812923	A	19980910	200131	E		
KR 2001031747	A	20010416	KR 2000704812	A	20000503	200163	E		
JP 2001522210	W	20011113	WO 1998US18746	A	19980910	200204	E		
			JP 2000519567	A	19980910				
AU 764164	B	20030814	AU 199892266	A	19980910	200363	E		
CN 1130087	C	20031203	CN 1998812923	A	19980910	200565	E		
EP 1027810	B1	20051123	EP 1998944816	A	19980910	200577	E		
			WO 1998US18746	A	19980910				
DE 69832518	E	20051229	DE 69832518	A	19980910	200603	E		
			EP 1998944816	A	19980910				
			WO 1998US18746	A	19980910				
DE 69832518	T2	20060614	DE 69832518	A	19980910	200643	E		
			EP 1998944816	A	19980910				
			WO 1998US18746	A	19980910				
KR 630239	B1	20060929	WO 1998US18746	A	19980910	200715	E		
			KR 2000704812	A	20000503				
JP 4093391	B2	20080604	WO 1998US18746	A	19980910	200843	E		

Priority Applications (no., kind, date): US 1997964215 A 19971104

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999023843	A1	EN	26	7	
National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 199892266	A	EN			Based on OPI patent WO 1999023843
EP 1027810	A1	EN			PCT Application WO 1998US18746 Based on OPI patent WO 1999023843
Regional Designated States,Original: BE DE ES FI FR GB IT SE					
BR 199813904	A	PT			PCT Application WO 1998US18746 Based on OPI patent WO 1999023843
JP 2001522210	W	JA	23		PCT Application WO 1998US18746 Based on OPI patent WO 1999023843
AU 764164	B	EN			Previously issued patent AU 9892266
EP 1027810	B1	EN			Based on OPI patent WO 1999023843 PCT Application WO 1998US18746 Based on OPI patent WO 1999023843
Regional Designated States,Original: BE DE ES FI FR GB IT SE					
DE 69832518	E	DE			Application EP 1998944816 PCT Application WO 1998US18746 Based on OPI patent EP 1027810 Based on OPI patent WO 1999023843
DE 69832518	T2	DE			Application EP 1998944816 PCT Application WO 1998US18746 Based on OPI patent EP 1027810 Based on OPI patent WO 1999023843
KR 630239	B1	KO			PCT Application WO 1998US18746 Previously issued patent KR 2001031747
JP 4093391	B2	JA	11		Based on OPI patent WO 1999023843 PCT Application WO 1998US18746 Previously issued patent JP 2001522210
					Based on OPI patent WO 1999023843

Telephones group with collectively group identifier phone call
connecting

Alerting Abstract ...NOVELTY - The method involves writing a group phone identifier into a caller ID field. The destination phone identifiers for each of the phones in the group of phones are based on associated group phone identifier received by a group call server (21). Routing instructions are issued from the group call server to a radio switch (13) identifying each of the destination phone identifiers for each phone in the group of phones.DESCRPTION - An INDEPENDENT CLAIM is included for: a group call server.

...

...USE - In telecommunications networks, for automatically answering calls to cellular telephone mobile stations...

...ADVANTAGE - The cellular telephones can be used as dispatch radios in a hands-free operation...

...21 group call server

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

An auto answer cellular phone system is described in which the caller ID field of an originating cellular page message is modified to be a group ID number designating a plurality of cellular phones within a group. In an example embodiment, an originating phone dials a group phone number, the group phone number is routed to a group ID server by the mobile radio switch. The group ID server looks up the group number in a lookup-table to determine which cellular phones are included in the particular group and then forwards the individual group members ID codes to the switch for connection to the originating phone. Before sending the group members' ID codes to the switch, the group ID server (21) replace the caller ID field from the originating phone ID to the group number ID. This tells the mobile stations that the call is...

...the mobile stations into an auto-answer mode such that the mobile station then acts as a dispatch radio, as opposed to a human-answer cellular phone.

...

...This invention relates to a telecommunication network. Specifically, It is related with an automatic response of the mobile station of a cellular telephone.

...

...An auto answer cellular phone system is described in which the caller ID field of an originating cellular page message is modified to be a group ID number designating a plurality of cellular phones within a group. In an example embodiment, an originating phone dials a group phone number, the group phone number is routed to a group ID server by the mobile radio switch. The group ID server looks up the group number in a lookup-table to determine which cellular phones are included in the particular group and then forwards the individual group members ID codes to the switch for connection to the originating phone. Before sending the group members' ID codes to the switch, the group ID server 21 replaces the caller ID field from the originating phone ID to the group number ID. This tells the mobile stations that the call is...

...the mobile stations into an auto-answer mode such that the mobile station then acts as a dispatch radio, as opposed to a human-answer

cellular phone.

...

...An auto answer cellular phone system is described in which the caller ID field of an originating cellular page message is modified to be a group ID number designating a plurality of cellular phones within a group. In an example embodiment, an originating phone dials a group phone number, the group phone number is routed to a group ID server by the mobile radio switch. The group ID server looks up the group number in a lookup-table to determine which cellular phones are included in the particular group and then forwards the individual group members ID codes to the switch for connection to the originating phone. Before sending the group members' ID codes to the switch, the group ID server (21) replace the caller ID field from the originating phone ID to the group number ID. This tells the mobile stations that the call is...

...the mobile stations into an auto-answer mode such that the mobile station then acts as a dispatch radio, as opposed to a human-answer cellular phone.

Claims:

...A method of connecting a phone call from an originating phone (20) having an originating phone identifier to a group of phones each having a destination phone identifier and collectively having a group phone identifier, the originating phone identifier being contained in a caller id field of a call request issued by the originating phone, the method comprising the steps of:receiving (31) the associated group phone identifier at a group call server (21);removing (32) the originating phone identifier from the caller id field;writing (32) the group phone identifier into the caller id field;identifying the destination phone identifiers for each of the phones in the group of phones (22-24) based on the associated group phone identifier received by the group call server (21); andissuing routing instructions from the group call server to a radio switch (13) identifying each of the destination phone identifiers for each phone in the group of phones...

...identificateur telephonique d'origine dans le champ d'identificateur d'appelant;ecrire (32) l'identificateur telephonique de groupe dans le champ d'identificateur d'appelant;identifier les identificateurs telephoniques de destination pour chacun des telephones dans le groupe de telephones (22 a 24) sur la base de l'identificateur telephonique de...

...It is a method linked to the group of the telephone which each has a destination telephone identifier for the telephone call from the transmission telephone which has a transmission telephone identifier, and has a group telephone identifier collectively,Comprising:The said transmission telephone identifier is contained in the caller ID field of the request[requirement of the call issued from the said transmission telephone,The said methodThe step which receives the group telephone identifier related by a group calling server,The step which removes the said transmission telephone identifier from the said caller ID field,The step which writes the said group telephone identifier in the said caller ID field,The step which identifies the

destination telephone identifier of each telephone of the group of the said telephone based on the said related group telephone identifier that received from the said group calling server, The step which takes out the path|route designation|designated command which identifies each of the destination telephone identifier of each telephone of the group of the said telephone to a radio|wireless switch from the said, said group calling server is provided, The method characterized by the above-mentioned...

...Claim 10. A method of connecting a phone call from an originating phone having an originating phone identifier to a destination phone having a destination phone identifier, the originating phone identifier being contained in a caller id field of a call request issued by the originating phone, the method comprising the steps of: receiving the associated phone identifier at a call server; removing the originating phone identifier from the caller id field; writing the destination phone identifier into the caller id field; identifying the destination phone based on the destination phone identifier in the caller id field; issuing routing instructions from the call server to a radio switch identifying the destination phone identifier for the destination phone; receiving the routing instructions from the call server and routing a page request including the caller id field with the destination phone identifier to the destination phone; receiving the page request; reading the destination phone identifier from the caller id field; looking up the destination phone identifier in a group destination lookup table; and if a match between the destination phone identifier from the caller id field and a destination phone identifier in the destination identifier lookup table is identified, automatically answering the phone call from the originating phone.

11/3,K/66 (Item 66 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009358963 - Drawing available
WPI ACC NO: 1999-292465/199925
XRPX Acc No: N1999-219047
Portable telephone e.g. PHS used for personal computer and communication karaoke apparatus - has PHS base station connector to establish communication between digital communication network and communication circuit connected to PHS base station through circuit controller

Patent Assignee: RICOH KK (RICO)
Inventor: KOSHIISHI T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 11095766	A	19990409	JP 1997250522	A	19970916	199925 B

Priority Applications (no., kind, date): JP 1997250522 A 19970916

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 11095766	A	JA	9	8	

Portable telephone e.g. PHS used for personal computer and communication karaoke apparatus...

...has PHS base station connector to establish communication between digital communication network and communication circuit connected to PHS base station through circuit controller

Original Titles:
MUSIC REPRODUCING DEVICE AND PERSONAL HANDYPHONE SYSTEM (PHS)
USED FOR THE DEVICE

Alerting Abstract ...the received music data. A base station is connected to a communication circuit. A call connection is made to the base station for simple type portable telephone connected to the music reproducing unit. Multiple music number and their registration number corresponding to the music data, are introduced. The music numbers are registered with their register number through an identifier. The required register number is keyed. The music number corresponding to the keyed register number is identified with the identifier and transmitted...

...ADVANTAGE - Performs call by simple portable telephone system, without need for large scale construction at large cost. Performs reservation regeneration of music by music reproducing unit. DESCRIPTION OF DRAWING(S) - The figure...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

11/3,K/67 (Item 67 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009285132

WPI ACC NO: 1999-214793/199918

XRPX Acc No: N1999-158102

Digital signature generation server for data encryption

Patent Assignee: CADIX INC (CADI-N); CADIX KK (CADI-N); CYBER SIGN JAPAN INC (CYBE-N)

Inventor: TABUKI T

Patent Family (9 patents, 28 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 1999012144	A1	19990311	WO 1998JP3888	A	19980901	199918	B
JP 11088321	A	19990330	JP 1997236926	A	19970902	199923	E
JP 11088322	A	19990330	JP 1997236927	A	19970902	199923	E
AU 199888883	A	19990322	AU 199888883	A	19980901	199931	E
EP 1030282	A1	20000823	EP 1998940645	A	19980901	200041	E
			WO 1998JP3888	A	19980901		
CN 1272934	A	20001108	CN 1998809775	A	19980901	200114	E
KR 2001023602	A	20010326	KR 2000702250	A	20000302	200161	E
BR 199811737	A	20011120	BR 199811737	A	19980901	200202	E

WO 1998JP3888 A 19980901
 AU 742717 B 20020110 AU 199888883 A 19980901 200217 E

Priority Applications (no., kind, date): JP 1997236926 A 19970902; JP
 1997236927 A 19970902

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1999012144	A1	JA	49	7		
National Designated States, Original: AU BR CA CN KR NZ RU SG US						
Regional Designated States, Original: AT BE CH CY DE DK ES FI FR GB GR IE						
IT LU MC NL PT SE						
JP 11088321	A	JA	13			
JP 11088322	A	JA	10			
AU 199888883	A	EN			Based on OPI patent	WO 1999012144
EP 1030282	A1	EN			PCT Application	WO 1998JP3888
					Based on OPI patent	WO 1999012144
Regional Designated States, Original: DE FR GB IT						
BR 199811737	A	PT			PCT Application	WO 1998JP3888
					Based on OPI patent	WO 1999012144
AU 742717	B	EN			Previously issued patent	AU 9888883

Based on OPI patent WO 1999012144
 Digital signature generation server for data encryption

Original Titles:

~~SERVER~~ UND VERFAHREN ZUR ERZEUGUNG VON DIGITALEN UNTERSCHRIFTEN...

...DIGITAL SIGNATURE GENERATING ~~SERVER~~ AND DIGITAL SIGNATURE
 GENERATING METHOD...

...DIGITAL SIGNATURE GENERATION ~~SERVER~~
 ...

...DIGITAL SIGNATURE GENERATING ~~SERVER~~ AND DIGITAL SIGNATURE
 GENERATING METHOD

Alerting Abstract ...NOVELTY - A digital signature ~~server~~ has a
 dynamic signature encryption key management unit which obtains registered
 dynamic signature ~~data~~ and a ~~private~~ key from a management
 database in accordance with an ID transmitted from a user. The registered
 dynamic signature data and authentication dynamic signature data
 transmitted...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...control of a private key. Based on an "ID" supplied by a user, the
 dynamic signature encryption key control section 16 obtains registered
 dynamic signature ~~data~~ and a ~~private~~ key from a
~~control~~ database 12. The registered dynamic signature data is
 compared with authentication dynamic signature data sent by the user in the
 dynamic signature verifying section 14. When it is determined that they are

identical signature data, the dynamic signature encryption key control section 16 supplies message data sent from the user, and the private key to the encryption operation section 18. The encryption operation section 18 encrypts the message data using the private key, and sends the encrypted message data to the dynamic signature encryption key control section 16. The dynamic signature encryption control section 16 returns signed, i.e. encrypted, message data or the...

...the management of a private key is easy and the convenience is enhanced. A dynamic signature encryption key management unit (16) obtains registered dynamic signature data and a private key from a management database (12) in accordance with an "ID" transmitted from a user. The registered dynamic signature data and authentication dynamic signature data transmitted from the user are collated with each other by a dynamic signature collation unit (14). If both the data are judged to be identical, the dynamic signature encryption key management unit (16) supplies message data transmitted from the user and the private key to an encryption calculation unit (18), which transmits the message data etc. encrypted by the private key to the dynamic signature encryption key management unit (16). The dynamic signature encryption key management unit (16) transmits the...

...i.e. signed, back to the user. It is not necessary for the users to manage their own private keys by themselves, so that a digital signature system significantly convenient can be obtained...

Claims:

A digital signature preparing server for receiving message data to be digitally signed and an identifier of a user requesting a digital signature, for signing the message data using a private key of the user, and for outputting the message data signed, the digital signature preparing server, comprising: private key memory means for storing the private key of the user, the key being registered therein in advance, and for outputting the private key registered of the user based on the identifier of the user; and signing means for signing the message data using the private key.

11/3,K/68 (Item 68 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0009216516 - Drawing available
 WPI ACC NO: 1999-142289/199912
 XRPX Acc No: N1999-103416
 ATM switch for common channel signaling network
 Patent Assignee: NORTHERN TELECOM LTD (NELE)
 Inventor: YUNTEN T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5867499	A	19990202	US 1996775597	A	19961231	199912 B

Priority Applications (no., kind, date): US 1996775597 A 19961231

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5867499	A	EN	14	7	

ATM switch for common channel signaling network

Alerting Abstract ...NOVELTY - A group of interface units (20-31) designated as source and destination interface units connect the ATM switch to an external network. A source interface unit assigns a starting virtual channel identifier (VCI) to a cell to indicate destination and pass the cell to a source virtual channel (VC) switches (44-47). The source VC switch translates...

...USE - For common channel signaling network.

...

...ADVANTAGE - Reconfiguration of entire switch with unique address for new interface unit is not needed. Number of connections between source and destinations is increased

Title Terms.../Index Terms/Additional Words: NETWORK

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...contains several interface units (including a source interface unit), several virtual-channel (VC) switches (including a source and destination VC switch), and several virtual-channel identifiers (VCI) for each ATM cell. Configuring the ATM switch causes the source interface unit to assign a starting VCI to a cell to indicate an intended destination for the...

Claims:

An ATM switch for switching ATM cells between ports linking the ATM switch with a network, the ATM switch comprising: a plurality of interface units connected to the ports and being arranged in groups; a source virtual-channel switch, coupled to a first...

...the groups of interface units that includes a source interface unit, for receiving from the first group an ATM cell having a starting virtual-channel identifier and for translating the starting virtual-channel identifier to an intermediate virtual-channel identifier, the starting virtual-channel identifier indicating a position of a destination interface unit for the ATM cell relative to the source virtual-channel switch, the destination interface unit being part of a second group of interface units, and the intermediate virtual-channel identifier indicating the position of the destination interface unit for the ATM cell relative to the source interface unit; and a destination virtual-channel switch, coupled to the source virtual-channel switch and to the second group of interface units, for converting the intermediate virtual-channel identifier to a final virtual-channel identifier and for routing the ATM cell to the destination interface unit, the final virtual-channel identifier indicating a position of the source interface unit relative to the destination virtual-channel switch.

11/3,K/69 (Item 69 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0009207499 - Drawing available

WPI ACC NO: 1999-132665/199911

XRPX Acc No: N1999-096633

Radio telephone handset - Has power pack with prepaid calling time memory
 to avoid need for subscription with service provider

Patent Assignee: POLAROID CORP (INTP)

Inventor: KEATING E; KEATING W E

Patent Family (6 patents, 19 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999004549	A1	19990128	WO 1998US14910	A	19980717	199911 B
US 5963859	A	19991005	US 1997896619	A	19970718	199948 E
EP 997032	A1	20000503	EP 1998934640	A	19980717	200026 E
			WO 1998US14910	A	19980717	
EP 997032	B1	20040609	EP 1998934640	A	19980717	200438 E
			WO 1998US14910	A	19980717	
DE 69824414	E	20040715	DE 69824414	A	19980717	200446 E
			EP 1998934640	A	19980717	
			WO 1998US14910	A	19980717	
DE 69824414	T2	20050602	DE 69824414	A	19980717	200537 E
			EP 1998934640	A	19980717	
			WO 1998US14910	A	19980717	

Priority Applications (no., kind, date): US 1997896619 A 19970718

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999004549	A1	EN	15	4	

National Designated States,Original: JP

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE

IT LU MC NL PT SE

EP 997032	A1	EN			PCT Application WO 1998US14910
					Based on OPI patent WO 1999004549

Regional Designated States,Original: DE FR GB

EP 997032	B1	EN			PCT Application WO 1998US14910
					Based on OPI patent WO 1999004549

Regional Designated States,Original: DE FR GB

DE 69824414	E	DE			Application EP 1998934640
					PCT Application WO 1998US14910
					Based on OPI patent EP 997032
					Based on OPI patent WO 1999004549

DE 69824414	T2	DE			Application EP 1998934640
					PCT Application WO 1998US14910
					Based on OPI patent EP 997032
					Based on OPI patent WO 1999004549

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...a subscription with the service provider. The device (10) comprises a non-rechargeable replaceable power source (17) with a memory (18) comprising information code for uniquely identifying the power source (17) and a prepaid calling time period. After the prepaid calling time period of the wireless communication device is exhausted, the power source...

...Le dispositif (10) comprend une source d'énergie (17) remplaçable non rechargeable munie d'une mémoire (18) comprenant un code d'information qui permet d'identifier de façon unique la source d'énergie (17) et un temps de communication prépayé. Une fois que le temps de communication prépayé du dispositif de communication sans fil est écoulé, la source d'énergie est remplacée par une nouvelle source d'énergie à laquelle...

Claims:

...A wireless communication device (10) suitable for interfacing with a wireless telephone network of a service provider without requiring a subscription with the service provider, having a communication means (50) for transmitting information of intelligence to and receiving such information from the wireless telephone network; having a removable power means (12) said power means (12) comprising a battery (17) and electrically interfacing with said communication means (50), said wireless communication (10) device being characterized by: a memory means (18) non-detachably secured to and...

...12) and comprising information code for uniquely identifying said power means (12) and a prepaid calling time period; means to maintain the interface with the wireless telephone network as long as the accumulated calling time is less than the prepaid calling time period.

...

...par: un moyen de mémoire (18) fixe de manière non détachable et intègre audit moyen d'alimentation (12) et comprenant un code d'information pour identifier de façon unique ledit moyen d'alimentation (12) et une durée de temps d'appel prépayé; un moyen pour maintenir la connexion avec le réseau de téléphone sans fil tant que le temps d'appel cumulé est inférieur à la durée de temps d'appel prépayé...

...A wireless communication device capable of interfacing with a wireless telephone network of a service provider without requiring a subscription with the service provider, the wireless communication device comprising: communication means for transmitting information of intelligence to and receiving such information from the wireless telephone network; and removable power means adapted to be connected to said wireless communication device for providing electrical power to said communication means, said power means comprising: a battery; memory means non-detachably secured to and integral with said battery and comprising information code for uniquely identifying said power means and a prepaid calling time period; wherein the wireless communication device can interface with the wireless telephone network as long as the accumulated calling time is less than the prepaid calling time period, whereafter the wireless communication device can be reused after connecting

new removable power means thereto.

11/3,K/70 (Item 70 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009206536 - Drawing available
WPI ACC NO: 1999-131569/199911
Related WPI Acc No: 1997-086930
XRPX Acc No: N1999-095866
Limited access message service providing method using telecommunication network system - limits access to messages only to users with private identifier and automatically carries out accounting for each access by user
Patent Assignee: GEN PATENT CORP (GEPA-N)
Inventor: MOEN A J; POLTORAK A I
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
US 5864604 A 19990126 US 1994247037 A 19940520 199911 B
US 1997779208 A 19970106

Priority Applications (no., kind, date): US 1994247037 A 19940520; US 1997779208 A 19970106

Patent Details
Number Kind Lan Pg Dwg Filing Notes
US 5864604 A EN 11 3 C-I-P of application US 1994247037
C-I-P of patent US 5592537

Limited access message service providing method using telecommunication network system...

...limits access to messages only to users with private identifier and automatically carries out accounting for each access by user

Alerting Abstract ...NOVELTY - The access to limited access message packet network system by prepaid users is enabled through a packet switching network. A private identifier that allows access to message, is assigned to each user. Access is limited to users having private identifier. Accounting is carried out automatically for each access by users based on time of access, date, identity of user, data delivery throughput, type of data delivered to user. The access to message is limited based on preset conditions such as outdated identifier, user identity and parameters relating to account balance...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:
Original Abstracts:
...method of operating a telecommunications system for providing a message

service to a plurality of end users. Existing telecommunications lines in conjunction with a telecommunications network system such as the Internet, Intranet, Extranet or similar environment is utilized. A computerized system can be used to establish a billing system for sponsors and to form an...

...to each of a plurality of end users for accessing the site address. Each user unit is given the site address, and at least one unique personal identification number. In connection with said billing system, the computerized system is programmed to permit a call of a preset message limit to be made by each end user to the site address provided. This is based on the distributed user unit and accessed only by the unique personal identification number provided to the end user. In response to an end user accessing the site address, a predetermined message is provided in accordance with the preset message limit. The messages...

Claims:

A method of providing messages to a plurality of users, comprising the steps of: (a) providing access to a limited access message packet network system by a plurality of prepaid users through a packet switching network; (b) providing at least one private identifier to each of said plurality of users, said identifier allowing access to at least one message; (c) limiting access to said message only to users with said private identifier which corresponds to said message; (d) automatically accounting for access to said messages by said plurality of users in a plurality of accounts, said accounts each being associated with said messages; and (e) said accounting...

11/3,K/71 (Item 71 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009184607 - Drawing available

WPI ACC NO: 1999-108805/199910

XRPX Acc No: N1999-078867

Cordless telephone equipment e.g. for DECT messaging - includes wired base station, and mobile set with screen allowing messages received in DECT standard to be displayed

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); PHILIPS

GLOEILAMPENFAB NV (PHIG); US PHILIPS CORP (PHIG)

Inventor: VITEL S

Patent Family (5 patents, 27 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
EP 895433	A1	19990203	EP 1998202419	A	19980720	199910 B
JP 11146465	A	19990528	JP 1998210811	A	19980727	199932 E
US 6370388	B1	20020409	US 1998119287	A	19980720	200227 E
EP 895433	B1	20080730	EP 1998202419	A	19980720	200852 E
DE 69839790	E	20080911	DE 69839790	A	19980720	200861 E
			EP 1998202419	A	19980720	

Priority Applications (no., kind, date): FR 19979644 A 19970729; EP 1998202419 A 19980720

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 895433	A1	FR	8	4		
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR						
IE IT LI LT LU LV MC MK NL PT RO SE SI						
JP 11146465	A	JA	4			
EP 895433	B1	FR				
Regional Designated States,Original: DE FR GB						
DE 69839790	E	DE			Application EP 1998202419	
					Based on OPI patent EP 895433	

Cordless telephone equipment e.g. for DECT messaging...

Alerting Abstract ...such messages to be viewed on the screen (60). The message elements are CLSM service messages, which are dialled and which carry an information message identifier.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Cordless telephone equipment e.g. for DECT messaging The telephone equipment includes a base station (1) connected to the telephone line (12) and at least one handset...

...such messages to be viewed on the screen (60). The message elements are CLSM service messages, which are dialled and which carry an information message identifier.

Claims:

...A telephonic device comprising: - a base station (1) connected to the switched network, comprising a first management element (20) formed, inter alia, by a processor assembly (29), by a memory (26) containing an execution program and by a...

...data messages into segments and for transmitting said segments as elementary messages, said dividing means being suitable for numbering the segments and for assigning an identifier to the data message, the total number of segments being inserted into the first segment, - and a receiving part comprising returning means for receiving the ...comprising a handset and a base station which communicates with said handset to exchange a variable length data message; wherein said variable length data message is assigned an identification number and is divided into fixed length segments to form elementary messages prior to transmission, a first one of said elementary messages including a total n...

11/3,K/72 (Item 72 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009139499 - Drawing available
WPI ACC NO: 1999-060586/199905

XRFX Acc No: N1999-044974

Data processing system - Provides unified referral arrangement for low cost access, selection and confirmation of promotional relationships

Patent Assignee: MESSER S D (MESS-I)

Inventor: MESSER S D

Patent Family (13 patents, 32 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1998057285	A1	19981217	WO 1998US7494	A	19980414	199905 B
AU 199871164	A	19981230	AU 199871164	A	19980414	199920 E
US 5991740	A	19991123	US 1997871921	A	19970610	200002 E
NO 199905897	A	20000128	WO 1998US7494	A	19980414	200016 E
			NO 19995897	A	19991202	
EP 996910	A1	20000503	EP 1998918194	A	19980414	200026 E
			WO 1998US7494	A	19980414	
CN 1260059	A	20000712	CN 1998805970	A	19980414	200054 E
AU 734419	B	20010614	AU 199871164	A	19980414	200140 E
KR 2001013548	A	20010226	KR 1999711555	A	19991208	200154 E
NZ 501674	A	20011221	NZ 501674	A	19980414	200210 E
			WO 1998US7494	A	19980414	
JP 2002512718	W	20020423	WO 1998US7494	A	19980414	200243 E
			JP 1999502388	A	19980414	
MX 214634	B	20030606	WO 1998US7494	A	19980414	200419 E
			MX 199911207	A	19991203	
IL 133437	A	20050320	IL 133437	A	19980414	200523 E
CN 1573764	A	20050202	CN 1998805970	A	19980414	200532 E
			CN 200410003320	A	19980414	

Priority Applications (no., kind, date): US 1997871921 A 19970610

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1998057285	A1	EN	28	7		
National Designated States, Original: AU CA CN IL IS JP KP KR MX NO NZ SG						
Regional Designated States, Original: AT BE CH CY DE DK ES FI FR GB GR IE						
IT LU MC NL PT SE						
AU 199871164	A	EN				Based on OPI patent WO 1998057285
NO 199905897	A	NO				PCT Application WO 1998US7494
EP 996910	A1	EN				PCT Application WO 1998US7494
						Based on OPI patent WO 1998057285
Regional Designated States, Original: AT BE CH CY DE DK ES FI FR GB GR IE						
IT LI LU MC NL PT SE						
AU 734419	B	EN				Previously issued patent AU 9871164
						Based on OPI patent WO 1998057285
NZ 501674	A	EN				PCT Application WO 1998US7494
						Based on OPI patent WO 1998057285
JP 2002512718	W	JA	39			PCT Application WO 1998US7494
						Based on OPI patent WO 1998057285
MX 214634	B	ES				PCT Application WO 1998US7494
IL 133437	A	EN				Based on OPI patent WO 1998057285
CN 1573764	A	ZH				Division of application CN 1998805970

Original Titles:

...DATA PROCESSING SYSTEM FOR INTEGRATED TRACKING AND MANAGEMENT OF

COMMERCE RELATED ACTIVITIES ON A PUBLIC ACCESS NETWORK

...

...Data processing system for integrated tracking and management of commerce related activities on a public access network.

...

...DATA PROCESSING SYSTEM FOR INTEGRATED TRACKING AND MANAGEMENT OF COMMERCE RELATED ACTIVITIES ON A PUBLIC ACCESS NETWORK

Alerting Abstract ...System comprises a site owner site connected to the network and programmed to display information about one or more products or services available for sale, the display including linking instructions. A clearing house site is connected to the network and receives information regarding accesses to the display information on a contact provider site, and programming to control introduction of an identifier to a potential purchaser. A merchant site provides the ability to purchase the product or services and records purchase information for communication back to the...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A data processing system manages transaction-related information generated on a network of interconnected public or private access computers, including monitoring purchases and providing referral fee accounting based thereon. The integrated software package establishes a platform for Merchants (40) and Site Owners (20) for managing the negotiation...

...and commercial contracts, the implementation of resulting promotional and commercial efforts, and final accounting in accordance with pre-established criteria. The present invention thus enables network users (10) to take advantage of a retail sales channel on public or private electronic networks.

...

...A data processing system manages transaction related information generated on a network of interconnected public access computers, including monitoring purchases and providing referral fee accounting based thereon. The integrated software package establishes a platform for Merchants and Site Owners for managing the negotiation of promotional and commercial contracts, the implementation of resulting promotional and commercial efforts, and final accounting in accordance with pre-established criteria. The system thus enables network users to take advantage of a retail sales channel on public or private electronic networks

.

...

...A data processing system manages transaction-related information generated on a network of interconnected public or private access computers, including monitoring purchases and providing referral fee accounting based thereon. The integrated

software package establishes a platform for Merchants (40) and Site Owners (20) for managing the negotiation of promotional and commercial contracts, the implementation of resulting promotional and commercial efforts, and final accounting in accordance with pre-established criteria. The present invention thus enables network users (10) to take advantage of a retail sales channel on public or private electronic networks. >

Claims:

In a data processing system for establishing, managing and tracking commercial transactions undertaken on a wide access network, comprising: a Content Provider site interconnected to said network and programmed to display to a USER visiting said Content Provider through a site content viewing program, information about one or more products or services available for commercial transactions...

...viewing program to a site separate from said Content Provider site, and said linking instructions further comprise code for associating with said visiting USER, a unique USER identification code inserted onto said USER http command line and/or passed along in said USER URL; a Clearinghouse site interconnected to said network and programmed to receive information regarding display of or selection of said display information on said Content Provider site, and the ability to read said USER unique identification code, and store said code in memory, and further, to provide connection of said USER to an identified Target Merchant Site, wherein said Target Merchant Site is associated to said display information; a Target Merchant site interconnected to said network and programmed to provide the ability to transact said product and/or services; wherein said Target Merchant site is further programmed to record information about a purchase made by said USER and to communicate said purchase information back to said Clearinghouse site, wherein said purchase information is used by said Clearinghouse server to allocate credit to the Content Provider.

11/3,K/73 (Item 73 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009124648 - Drawing available
WPI ACC NO: 1999-044945/199904
Packet switching network for mobile wireless telephone service - has call control processors which assigns call connection number containing specific fields to determine request reception of base stations
Patent Assignee: QUALCOMM INC (QCOM)
Inventor: DALEY R S; HOLCMAN A R; ROBBINS B R; ZIV N A
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5844899	A	19981201	US 1996705464	A	19960829	199904 B

Priority Applications (no., kind, date): US 1996705464 A 19960829

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5844899	A	EN	9	2	

Packet switching network for mobile wireless telephone service...

Original Titles:

Method and apparatus for providing a call identifier in a distributed network system.

Alerting Abstract ...The network includes a set of base stations (301,302) that receives the request for assigning the unique number for call connection with a remote unit (330). A set of call control processors (315,315) in the base stations receive another request and assigns the unique number for call connection. Several inter connection subsystems (303-306) transfer the packets between the base stations and the call control processor...

...The base station receiving the request is identified along with wireless channel using a first field in the unique numbers. The second field of the unique number identifies the reception of request in the base station...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

To provide an unique call ID number in a system comprised of a plurality of entities through which a connection may be established, each entity through which a connection can be initiated is capable of assigning a unique number to a new connection. For example a first entity receives a first request to initiate a first connection and assigns a first unique number to said first connection. The first unique number comprises the identity of the first entity, a time at which the first request was received, a distinction of the first request from any other...

Claims:

A packet switched network for providing communication between entities comprising: a first entity for receiving a first request to initiate a first connection and for assigning a first unique number to said first connection; a second entity for receiving a second request to initiate a second connection and for assigning a second unique number to said second connection; an interconnection subsystem for transferring packets between said first entity and said second entity; wherein said first unique number comprises: a first field identifying said first entity from which said first request was received; and a second field identifying a time at which said...

11/3,K/74 (Item 74 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009028852 - Drawing available

WPI ACC NO: 1998-586074/199850

XRPX Acc No: N1998-456918

Subscriber **network** with several terminals - determines telephone extension form connection request which is provided with called public call number allocated as telephone extension number to terminal

Patent Assignee: ALCATEL (COGE); ALCATEL ALSTHOM CIE GEN ELECTRICITE (COGE)

Inventor: LAUTENSCHLAGER W; WEIK H

Patent Family (6 patents, 26 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 878972	A2	19981118	EP 1998440089	A	19980507	199850 B
DE 19720086	A1	19981119	DE 19720086	A	19970514	199901 E
CA 2233767	A	19981114	CA 2233767	A	19980429	199917 E
US 6160882	A	20001212	US 199876511	A	19980512	200067 E
EP 878972	B1	20040102	EP 1998440089	A	19980507	200406 E
DE 59810517	G	20040205	DE 59810517	A	19980507	200412 E
			EP 1998440089	A	19980507	

Priority Applications (no., kind, date): DE 19720086 A 19970514; EP 1998440089 A 19980507

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 878972	A2	DE	9	2		
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI						
CA 2233767	A	EN				
EP 878972	B1	DE				
Regional Designated States,Original: AT CH DE ES FI FR GB IT LI NL SE						
DE 59810517	G	DE			Application	EP 1998440089
					Based on OPI patent	EP 878972

Subscriber **network** with several terminals...

Original Titles:

...Subscriber **network**, switching point, service control point and method for establishing a connection...

...Subscriber **network**, switching point, service control point and method for establishing a connection...

...Subscriber access **network**, exchange, service control point, and method of establishing a connection.

Alerting Abstract ...The **network** includes several switching centres (PABX1-PABX3) with telephone extensions having a private numbering area. The switching centres allocate their public call number to the terminals...

...The **network** has a control function (CONTR1) for determining the telephone extension from a connection request which is provided with a called public call number (CN) which...

...terminal. A second control function (CONTR2) and a service switching point (SSP) are provided for entering a virtual call number (CVN) with an allocated extension ~~identifier~~ and the called public call number as

called call number in the connection request...

...ADVANTAGE - Provides cost-effective concept for setting up connections to subscribers of **network**.

Title Terms.../Index Terms/Additional Words: **NETWORK**;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Subscriber **network** with several terminals The **network** includes several switching centres (PABX1-PABX3) with telephone extensions having a private numbering area. The switching centres allocate their public call number to the terminals connected to the telephone extensions as the extension call number in the private numbering area. The **network** has a control function (CONTR1) for determining the telephone extension from a connection request which is provided with a called public call number (CN) which is allocated as telephone extension number...

...terminal. A second control function (CONTR2) and a service switching point (SSP) are provided for entering a virtual call number (CVN) with an allocated extension identifier and the called public call number as called call number in the connection request...

...To establish a connection to a terminal (TE5) of a subscriber access **network** (AN), a connection request directed to the terminal and containing a public number (CN) corresponding to the number of the terminal in a first public numbering range is routed to a switching unit (SSP, SCP) of the subscriber access **network**. From the public number (CN), the switching unit (SSP, SCP) determines that of two or more private branch exchanges (PABX1 to PABX3) of the subscriber access **network** in whose private numbering range the public number (CN) is assigned to the terminal (TE5) as an extension number. The switching unit (SSP, SCP) forms a virtual number (CVN) from the public number (CN) and an identification assigned to the determined private branch exchange (PABX2), and enters this virtual number (CVN) in the connection request. The connection request with this virtual number is then routed...

Claims:

...A subscriber access **network** (AN) for the connection of terminals (TE1 to TE8) which can be reached through the subscriber access **network** (AN) by means of respective public numbers assigned to them in a public numbering range, the subscriber access **network** (AN) comprising a plurality of exchanges (SSP, PABX1 to PABX3) for connecting the terminals (TE1 to TE8) to the subscriber access **network** (AN), characterized in that two or more of the exchanges (PABX1 to PABX3) are private branch exchanges with respective private numbering ranges and each comprise first means adapted to assign to the terminals connected to the respective private branch exchange their respective public numbers as extension numbers in the respective private numbering range, that the subscriber access **network** (AN) comprises second means (CONTR1) for determining that of the two or more private branch exchanges from a connection request with a

called public number (CN) in whose private numbering range the called public number is assigned to a terminal as an extension number, and that the subscriber access network (AN) comprises third means (CONTR2, SSP) for entering a virtual number (CVN), consisting of a private branch exchange identification assigned to the private branch exchange determined and the called public number, in the connection request as the called number...A subscriber access network (AN) for the connection of terminals (TE1 to TE8) which can be reached through the subscriber access network (AN) by means of respective public numbers assigned to them in a public numbering range, the subscriber access network (AN) comprising a plurality of exchanges (SSP, PABX1 to PABX3) for connecting the terminals (TE1 to TE8) to the subscriber access network (AN), characterized in that two or more of the exchanges (PABX1 to PABX3) are private branch exchanges with respective private numbering ranges and each comprise first means adapted to assign to the terminals connected to the respective private branch exchange their respective public numbers as extension numbers in the respective private numbering range, that the subscriber access network (AN) comprises second means (CONTR1) for determining that of the two or more private branch exchanges from a connection request with a called public number (CN) in whose private numbering range the called public number is assigned to a terminal as an extension number, and that the subscriber access network (AN) comprises third means (CONTR2, SSP) for entering a virtual number (CVN), consisting of a private branch exchange identification assigned to the private branch exchange determined and the called public number, in the connection request as the called number.>

11/3,K/75 (Item 75 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0008945211 - Drawing available

WPI ACC NO: 1998-497131/199843

XRFX Acc No: N1998-388293

VPN operation method for common data packet distribution network - separating layer three of networks from each other by filtering data packets and routing information in routers of distribution network with associated identification

Patent Assignee: MANNESMANN AG (MANS)

Inventor: HAERTELT N; HARTELT N; HIES M; LE GOFF H; OBERHEIM H; SCHAMBACH M

Patent Family (4 patents, 3 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
DE 19809824	A1	19980917	DE 19809824	A	19980227	199843 B
FR 2761843	A1	19981009	FR 19982956	A	19980311	199846 E
US 6438127	B1	20020820	US 199841292	A	19980312	200257 E
DE 19809824	C2	20030116	DE 19809824	A	19980227	200305 E

Priority Applications (no., kind, date): DE 19711977 A 19970312; DE 19809824 A 19980227

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
DE 19809824	A1	DE	7	3	

VPN operation method for common data packet distribution network -
...

...separating layer three of networks from each other by filtering data packets and routing information in routers of distribution network with associated identification

Original Titles:

...Process and apparatus for the operation of virtual private networks on a common data packet communication network.

Alerting Abstract ...The method involves separating logically layer three of virtual private networks from each other by allocating disjoint partial address locations of a predetermined homogenous total address area to the layers. Each layer has an associated identification...

...subscriber address and has variable or fixed length. The layer separation is realised by filtering data packets and routing information in routers of the distribution network with the identification...

...USE - E.g. for VPN A, VPN B on OSI-L3-data packet distribution network.

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Economical and dependable networking of spatially separated branches of an organization is made possible for a plurality of individual subscribers with spatially separated branches by means of an arrangement and process for the operation of layer-3 virtual private networks (VPN A, VPN B) on a common data packet communication network (e.g. OSI L3 data packet communication network 1). A logical separation of the layer-3 VPNs (VPNA, VPNB) is accomplished by allocating disjoint partial address spaces of a given homogeneous total address space to these L3 VPNs. A virtual private network identification number VPN ID is assigned to each L3 VPN and used to identify the disjoint partial address space by forming a part of the address. The VPN ID characterizing the...

Claims:

...A, VPN B) voneinander durch Zuordnung disjunkter Teiladressräume eines vorgegebenen, homogenen Gesamtadressraums zu diesen L3-VPNs erfolgt,
wobei einem L3-VPN jeweils eine bestimmte VPN-Identifizier Data (VPN-ID) zugeordnet ist, die zur Kennzeichnung des disjunkten Teiladressraums des L3-VPNs dient und die Teil der Adresse jedes Einzelteilnehmers des L3-VPNs ist,
wobei eine ein L3-VPN kennzeichnende VPN-ID an einer festen Bitposition in einer Einzelteilnehmeradresse eines Einzelteilnehmers des L3-VPNs beginnt und variable oder feste Länge aufweist,
wobei die...

...A process for operation of a plurality of layer-3 virtual private

networks on a common data packet communication network, comprising the steps of: allocating a disjoint partial address space of a predetermined homogeneous total address space of the common data packet communication network to each of the virtual private networks so as to separate the plural virtual private networks; assigning a virtual private network identification number to each virtual private network to identify the disjoint partial address space of the each virtual private network, said virtual private network identification number comprising as part of an address of every one of plural individual subscribers of the each virtual private network and starting at a fixed bit position in an individual subscriber address of each of the plural individual subscribers of the each layer-3 virtual private network; and filtering data packets and routing information moving through the communication network using routers of the data packet communication network based on the virtual private network identification number.>

11/3,K/76 (Item 76 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0008930301 - Drawing available
 WPI ACC NO: 1998-481557/199841
 XRPX Acc No: N1998-375693
 Mobile radio communication system - transmits information to roaming mobile radio which requests personality data update, allowing mobile unit to communicate in that area

Patent Assignee: ERICSSON INC (TELF)
 Inventor: DOIRON T J; GRAHAM G; SADROZINSKI P; SCHMIDT C M
 Patent Family (3 patents, 79 countries)

Patent		Application	
Number	Kind	Date	Update
WO 1998038817	A2	19980903	199841 B
AU 199861851	A	19980918	199908 E
US 6002930	A	19991214	200005 E

Priority Applications (no., kind, date): US 1997808845 A 19970228

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1998038817	A2	EN	22	6		

National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Regional Designated States, Original: AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 199861851 A EN Based on OPI patent WO 1998038817

...transmits information to roaming mobile radio which requests personality data update, allowing mobile unit to communicate in that area

Alerting Abstract ...of other areas into which it can roam. When the mobile needs to move to another area it initiates a request to a central

personality server. The server obtains the unique identity of the radio and the IP address of the area...

...The server forms new personality information and transmits it to the radio. The radio can then operate in the new area. When it leaves the area the...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...be modified in order to permit the radio to roam from one broadcast region to another. Since each broadcast region is serviced by a different gateway, the radios within that region use particular personality information in order to communication with it. When the radios roam from one region to another, the radios request new personality information relevant to the destination region. Each radio uses local identification data to uniquely identify the radio within the system. When the radio roams, the gateway provides the radio with new local identification data relevant to the destination region. The local identification data for each radio in a given region is mapped by the gateway in a memory such that available local identification data can be re-assigned to radios that roam into the gateway region. Then, when the radio leaves the region, the local identification data that was given to the radio is de-allocated such that it is then available to another...

...be modified in order to permit the radio to roam from one broadcast region to another. Since each broadcast region is serviced by a different gateway, the radios within that region use particular personality information in order to communicate with it. When the radios roam from one region to another, the radios request new personality information relevant to the destination region. Each radio uses local identification data to uniquely identify the radio within the system. When the radio roams, the gateway provides the radio with new local identification data relevant to the destination region. The local identification data for each radio in a given region is mapped by the gateway in a memory such that available local identification data can be re-assigned to radios that roam into the gateway region.

Then, when the radio leaves the region, the local identification data that was given to the radio is de-allocated such that it is then available to another radio that roams into the...

Claims:

A broadcast communication system, comprising: a plurality of gateways, each assigned to corresponding regions; a plurality of mobile radios distributed among the corresponding regions and being in communication with at least one gateway, the radios each including a memory for storing personality information including a unique identifier, the personality information permitting the radio to communicate with other mobile radios in a corresponding region assigned to the gateway, and a transmitter for transmitting requests to a personality server for new personality information including a new unique identifier, said new personality information corresponding to a different region assigned to a different gateway; a receiver for receiving the new personality

information from the personality server and transferring the new personality information to the memory for storage; and wherein the memory further stores a list of different regions, and wherein the radio further includes a display unit to display the list and an input unit to permit a radio user to select a different region from the list; and wherein each gateway includes: a memory map to store the personality information for each radio in a corresponding region, to store new personality information for roaming radios that later enter the corresponding region, and to map the personality information and new personality information to...

11/3,K/77 (Item 77 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0008880088 - Drawing available

WPI ACC NO: 1998-428326/199836

XRPX Acc No: N1998-334306

Detection method for fraudulent use of mobile station in wireless communication network - monitoring home location register for mobile registrations and detecting whether these are non periodic.

Patent Assignee: AT & T WIRELESS SERVICES INC (AMIT)

Inventor: AMIN U J; AMINU J; ROWE L B; WAUGHMAN R J

Patent Family (3 patents, 23 countries)

Patent		Application		Patent		Update	
Number	Kind	Date	Number	Kind	Date	Update	
WO 1998033340	A2	19980730	WO 1998US441	A	19980107	199836	B
US 5953652	A	19990914	US 1997788151	A	19970124	199944	E
TW 369749	A	19990911	TW 1998100664	A	19980302	200035	E

Priority Applications (no., kind, date): US 1997788151 A 19970124

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1998033340	A2	EN	37	7		
National Designated States, Original: BR CA JP MX						
Regional Designated States, Original: AT BE CH DE DK ES FI FR GB GR IE IT						
LU MC NL PT SE						
TW 369749	A	ZH				

Detection method for fraudulent use of mobile station in wireless communication network -

Original Titles:

Detection of fraudulently registered mobile phones.

...

...DETECTION OF FRAUDULENTLY REGISTERED MOBILE PHONES

Alerting Abstract ...The method involves determining the elapsed time period between successive registrations associated with the unique identifier of the mobile station. A suspected fraudulent event is detected when the elapsed time period between successive registrations is substantially non-periodic...

...The method preferably includes identifying a switch in the wireless network where the mobile station is registered. The constant registration period associated with the switch is determined, in which the period defines the expected time period between the successive registrations by the mobile station to the switch. The actual elapsed time period, between the successive registrations associated with the unique identifier of the mobile station, is compared to the constant registration period associated with the switch. In this way it is determined whether the elapsed time...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A system and method is provided for detecting fraudulent use of a unique identifier associated with an authorized mobile station in a wireless telecommunications network. A monitoring system passively collects data associated with the registration of one or more mobile stations utilizing the unique identifier. A fraud detection processor analyzes the collected data using a first pattern recognition device. The pattern recognition device determines the periodicity of successive registration messages associated with the unique identifier of the authorized mobile station and a suspected fraudulent event is identified when the time between successive registration messages is non-periodic. A second pattern recognition device may be...

...or in combination with the first pattern recognition device to identify suspected fraudulent activity when an apparent velocity of the mobile station utilizing the unique identifier between successive registration messages exceeds a predetermined maximum velocity. The apparent velocity is based upon the approximated geographical distance and time between successive registration messages. Upon the detection of...

...from the suspected mobile station is not substantially the same as a predicted response calculated by the authentication system based upon at least the unique identifier of the authorized mobile station...

...A system and method are provided for detecting fraudulent use of a unique identifier associated with an authorized mobile station in a wireless telecommunications network. A monitoring system passively collects data associated with the registration of one or more mobile stations utilizing the unique identifier. A fraud detection processor analyzes the collected data using a first pattern recognition device. The pattern recognition device determines the periodicity of successive registration messages associated with the unique identifier of the authorized mobile station and a suspected fraudulent event is identified when the time between successive registration messages is non-periodic. A second pattern recognition device may be utilized alone or in combination with the first pattern recognition device to identify suspected fraudulent activity when an apparent velocity of the mobile station utilizing the unique identifier between successive registration messages exceeds a predetermined maximum

velocity. The apparent velocity is based upon the approximated geographical distance and time between successive registration messages. Upon the detection of a suspected fraudulent event by...

...from the suspected mobile station is not substantially the same as a predicted response calculated by the authentication system based upon at least the unique identifier of the authorized mobile station.

Claims:

A method of detecting fraudulent use of a mobile station in a wireless telecommunications network, the mobile station having, a unique identifier associated therewith, the method comprising the steps of: determining at least two actual elapsed time periods between successive registrations associated with the unique identifier of the mobile station; and detecting a suspected fraudulent event when the actual elapsed time periods between successive registrations are substantially non-periodic.

11/3,K/78 (Item 78 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008702624 - Drawing available

WPI ACC NO: 1998-242887/199822

Related WPI Acc No: 2002-207891

XRPX Acc No: N1998-192211

System for controlling use of package of distributed application software - comprises volume control data including volume ID for identifying kind of application package and application IDs each assigned to one of application contained in volume

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: KIYONO M; URANAKA S; URANAKA Y

Patent Family (13 patents, 13 countries)

Patent		Application		Patent		Update	
Number	Kind	Date	Number	Kind	Date	Update	
EP 840194	A2	19980506	EP 1997108754	A	19970602	199822	B
AU 199728394	A	19980507	AU 199728394	A	19970630	199830	E
JP 10133955	A	19980522	JP 1996286345	A	19961029	199831	E
AU 695948	B	19980827	AU 199728394	A	19970630	199846	E
KR 1998033266	A	19980725	KR 199755868	A	19971029	199932	E
KR 291709	B	20010601	KR 199755868	A	19971029	200225	E
CN 1182916	A	19980527	CN 1997122415	A	19971029	200242	E
US 6470085	B1	20021022	US 1997915665	A	19970821	200273	E
EP 840194	B1	20030108	EP 1997108754	A	19970602	200304	E
			EP 2001117146	A	19970602		
DE 69718277	E	20030213	DE 69718277	A	19970602	200320	E
			EP 1997108754	A	19970602		
CN 1420443	A	20030528	CN 1997122415	A	19971029	200357	E
			CN 2002142722	A	19971029		
CN 1201243	C	20050511	CN 1997122415	A	19971029	200641	E
CN 1255741	C	20060510	CN 2002142722	A	19971029	200661	E

Priority Applications (no., kind, date): JP 1996286345 A 19961029

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 840194	A2	EN	53	28	
Regional Designated States, Original: AL DE FR GB LT LV RO SI					
JP 10133955	A	JA	54		
AU 695948	B	EN			Previously issued patent AU 9728394
KR 1998033266	A	KO		28	
KR 291709	B	KO			Previously issued patent KR 98033266
EP 840194	B1	EN			Related to application EP 2001117146
					Related to patent EP 1148407
Regional Designated States, Original: DE FR GB					
DE 69718277	E	DE			Application EP 1997108754
					Based on OPI patent EP 840194
CN 1420443	A	ZH			Division of application CN 1997122415

Original Titles:

...PORTABLE MEDIUM DRIVING DEVICE, ITS METHOD, COOPERATIVE
DEVICE OF PORTABLE MEDIUM AND NETWORK, AND ITS METHOD

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...a distributed application package in one of predetermined operation, e.g., free play mode, charged mode, limit-attached play mode, etc. The system comprises a client for playing an application under the control of a server connected with the client through a communication network. The application package (the volume) includes a distribution descriptor which contains mode codes assigned to the volume and the applications of the volume. The data of distribution descriptor is...

...at the time of distribution of the volume. This feature makes the system flexible. There is also disclosed a system operatable without communicating with a server.

...

...a distributed application package in one of predetermined operation, e.g., free play mode, charged mode, limit-attached play mode, etc. The system comprises a client for playing an application under the control of a server connected with the client through a communication network. The application package (the volume) includes a distribution descriptor which contains mode codes assigned to the volume and the applications of the volume. The data of distribution descriptor is decided and stored in the...

...at the time of distribution of the volume. This feature makes the system flexible. There is also disclosed a system operatable without communicating with a server. >

Claims:

...of said volume; an issue number (30) assigned in order of issue to each of the volumes of said kind; and application IDs (29) each

assigned to one of said at least one application contained in said volume, and wherein at least a part of said volume control data is to be added...

...one application contained in said volume, and each indicates a play mode associated with the respective volume or application to which the mode code is assigned, each mode code indicating at least one of free play or charged play modes; and distributed application data is encrypted with an encrypting key, a user's public key-encrypted version of said encrypting key used being stored in said part of said volume control data which is to be added to said volume after the creation of said volume...

...volume pour utilisation dans la commande dudit systeme, dans lequel lesdites donnees de commande de volume comprennent au moins: une identite de volume (25) pour identifier le type dudit volume; un numero d'attribution (30) affecte dans l'ordre de sortie de chacun des volumes dudit type; et des identites d...

...volume, et dans lesquels: au moins une partie desdites donnees de commande de volume doit etre ajoutee audit volume apres la creation dudit volume, dans lequel ladite au moins une partie desdites donnees de commande de volume doit etre ajoutee lors de la distribution dudit volume a un utilisateur; ladite au

11/3,K/79 (Item 79 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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0008669104 - Drawing available
WPI ACC NO: 1998-207586/199818
Related WPI Acc No: 1998-207565; 1998-207782
XRPX Acc No: N1998-164820
Apparatus for identifying user's fingerprints using fingerprint capture module - generates user's fingerprint image in specified format while connection line connects module and transmits image to processor
Patent Assignee: HUSH INC (HUSH-N); LI Y (LIYY-I); RAO D R K (RAOD-I);

SUBBIAH S (SUBB-I)
Inventor: CHU D; LI Y; RAO D R K; SUBBIAH S
Patent Family (3 patents, 76 countries)
Patent

Number	Kind	Date	Number	Kind	Date	Update
WO 1998011501	A2	19980319	WO 1997016092	A	19970910	199818 B
AU 199743415	A	19980402	AU 199743415	A	19970910	199833 E
US 6035403	A	20000307	US 199625913	P	19960911	200019 E
			US 199625949	P	19960911	
			US 1997925201	A	19970908	

Priority Applications (no., kind, date): US 199625949 P 19960911; US 199625913 P 19960911; US 1997925524 A 19970908; US 1997925201 A 19970908

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1998011501	A2	EN	32	8		

National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH

CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR
TT UA UG US UZ VN YU

Regional Designated States, Original: AT BE CH DE DK EA ES FI FR GB GH GR
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 199743415	A	EN	Based on OPI patent	WO 1998011501
US 6035403	A	EN	Related to Provisional	US 199625913
			Related to Provisional	US 199625949

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A method is provided for protecting distributed software, either through the internet/telephone networks or via physical storage media like floppy diskettes, magnetic tapes, CD-ROMS, DVD-ROMS, etc., by using biometric information (personal fingerprint information in particular). In one approach, the fingerprint of the software purchaser is embedded into the purchased software at the time of purchase. All subsequent use...

...in the purchased software. In another related approach, prior to the use or installation of distributed software, the user's computer calls a central management server station. The software then requests the user to provide his or her fingerprint by any device that would capture such information. The fingerprint information is then processed on the local user computer by any image processing program, and the relevant information is then sent to the central server along with a key or serial number that is built into the distributed software. The central management server then compares the provided information with the information previously stored in its central database and decides whether the user is authorized. Such a method can...

Claims:

...comprising: (a) when fingerprint data has not been previously provided for the software product, storing a user's fingerprint data in association with a separate identifier for the software product, such that in installations of the software product, newly presented fingerprint data is matched against the stored fingerprint data; (b) prior to an installation of the software product and after storing the user's fingerprint data, transmitting the user's fingerprint data and the separate identifier from a local computer of the user to a remote authentication system controlled by an enterprise responsible for distribution of the software product; (c) determining whether the fingerprint data provided allows...

11/3,K/80 (Item 80 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008669085 - Drawing available
WPI ACC NO: 1998-207565/199818
Related WPI Acc No: 1998-207586; 1998-207782
XRPX Acc No: N1998-164800
Software program installation control method - using fingerprint data from

user together with separate identifier from computer program to enable or disable software installation
 Patent Assignee: LI Y (LIYY-I); RAO D (RAOD-I); SUBBIAH S (SUBB-I)
 Inventor: LI Y; RAO D; RAO D R K; SUBBIAH S
 Patent Family (3 patents, 76 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 1998011478	A2	19980319	WO 1997US16093	A	19970910	199818 B
AU 199743416	A	19980402	AU 199743416	A	19970910	199833 E
EP 925536	A2	19990630	EP 1997941525	A	19970910	199930 E
			WO 1997US16093	A	19970910	

Priority Applications (no., kind, date): US 199625913 P 19960911; US 1997925201 A 19970908

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1998011478	A2	EN	26	6		

National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU

Regional Designated States,Original: AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 199743416 A EN Based on OPI patent WO 1998011478
 EP 925536 A2 EN PCT Application WO 1997US16093
 Based on OPI patent WO 1998011478

Regional Designated States,Original: DE ES FR GB IT NL

...using fingerprint data from user together with separate identifier from computer program to enable or disable software installation

Alerting Abstract ...Prior to the use or installation of distributed software, a user's computer may call a central management server station. The software then requests the user to provide his or her fingerprint by any device that would capture the information...

...USE - Protecting distributed software, either through Internet/telephone networks or via storage media e.g. floppy diskettes, CD-ROMs etc. In licence management system where software product usage may be remotely monitored, and fees...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A method is provided for protecting distributed software, either through the internet/telephone networks or via physical storage media like floppy diskettes, magnetic tapes, CD-ROMS, DVD-ROMS, etc., by using biometric information (personal fingerprint information in particular). In one approach, the fingerprint of the software purchaser is embedded into the purchased software at the time of purchase. All subsequent use of the software by...

...in the purchased software. In another related approach, prior to the use or installation of distributed software, the user's computer calls a central management **server** station. The software then requests the user to provide his or her fingerprint by any device that would capture such information. The fingerprint information is then processed on the local user computer by any image processing program, and the relevant information is then sent to the central **server** along with a **key** or **serial number** that is built into the distributed software. The central management **server** then compares the provided information with the information previously stored in its central database and decides whether the user is authorized. Such a method can also be employed in...

...A method is provided for protecting distributed software, either through the internet/telephone **networks** or via physical storage media like floppy diskettes, **magnetic** tapes, CD-ROMS, DVD-ROMS, etc., by using biometric information (**personal fingerprint information** in particular). In one approach, the fingerprint of the software purchaser is embedded into the purchased software at the time of purchase. All subsequent use of the software by the purchaser at his/her...

...in the purchased software. In another related approach, prior to the use or installation of distributed software, the user's computer calls a central management **server** station. The software then requests the user to provide his or her fingerprint by any device that would capture such information. The fingerprint information is then processed on the local user computer by any image processing program, and the relevant information is then sent to the central **server** along with a **key** or **serial number** that is built into the distributed software. The central management **server** then compares the provided information with the information previously stored in its central database and decides whether the user is authorized. Such a method can also be employed in a licence management system whereby...

Claims:

11/3,K/81 (Item 81 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0008622579 - Drawing available
 WPI ACC NO: 1998-159024/199814
 XRPX Acc No: N1998-126447
 Cellular telephone **network** with transaction handling system - converts i.e. encrypts **unique ID** along with digitally encoded data into short message which is interpreted to form query for destination
 Patent Assignee: NEWNET INC (NEWN-N)
 Inventor: BAGOREN I; OZULKULU E; SERBETCIOUGLU B
 Patent Family (1 patents, 1 countries)
 Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5719918	A	19980217	US 1995498993	A	19950706	199814 B

Priority Applications (no., kind, date): US 1995498993 A 19950706

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5719918	A	EN	26	13		

Cellular telephone network with transaction handling system...

...converts i.e. encrypts unique ID along with digitally encoded data into short message which is interpreted to form query for destination

Alerting Abstract ...The telephone network uses signalling channels carry short messages and has terminals for transmitting and receiving the short messages, the messages being routed via a switch. The transaction handling system receives digitally encoded information from one or more sources and generates a unique identifier for the encoded information which is converted i.e. encrypted along with the encoded information into short messages compatible with the terminal for transmission over the network.

...

...The encoded information and identifier are extracted i.e. decrypted from the short messages, the short messages being interpreted to form a query for a destination, to e.g. detect

Title Terms.../Index Terms/Additional Words: NETWORK;
Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A transaction handling system (THS) for use in a cellular telephone network using Short Messages is described. The THS comprises means for receiving digitally encoded information from one or more sources, such as magnetically encoded credit card information related to credit...

...query is routed to the database. Upon receiving a reply from the database, the reply is interpreted in the THS for compatibility with the cellular network and the structure of the Short Messages within it, and routed to a terminal having a display, printer or other input/output means.

Claims:

In a cellular telephone network having one or more signaling channels, wherein said signaling channels carry Short Messages, said network comprising: a plurality of terminal means for transmitting and receiving said Short Messages, and switching means for routing said Short Messages; an improved transaction handling system, comprising: means for receiving digitally encoded information from one or more sources; means for generating a unique identifier for said digitally encoded information; means for converting said digitally encoded information and said identifier into Short Messages compatible with said terminal means for transmission of said Short Messages on said cellular telephone network; means for extracting said digitally encoded information and said identifier from said

Short Messages; means for interpreting said Short Messages to form a query for a destination; and means for directing said query to said destination.

11/3, K/82 (Item 82 from file: 350)
 DIALOG(R) File 350: Derwent WPIX
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0008609838 - Drawing available
 WPI ACC NO: 1998-145938/199813
 Related WPI Acc No: 1995-075394; 1995-147144; 1995-344290; 1996-431737;
 1996-443513; 2001-579783
 XRPX Acc No: N1998-115464

Data messaging system in cellular communications network - sends data messages over data channel of network by altering mobile identification number, electronic serial number or other identifier of cellular transceiver

Patent Assignee: HIGHWAYMASTER COMMUNICATIONS INC (HIGH-N)

Inventor: KENNEDY W C; WESTERLAGE K R

Patent Family (4 patents, 76 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1998006227	A2	19980212	WO 1997US13633	A	19970804	199813 B
AU 199738253	A	19980225	AU 199738253	A	19970804	199829 E
US 5826195	A	19981020	US 1992826521	A	19920127	199849 E
			US 199395166	A	19930720	
			US 1993175256	A	19931228	
			US 1995465525	A	19950605	
			US 1996700317	A	19960805	
BR 199711028	A	20000111	BR 199711028	A	19970804	200020 E
			WO 1997US13633	A	19970804	

Priority Applications (no., kind, date): US 1992826521 A 19920127; US 199395166 A 19930720; US 1993175256 A 19931228; US 1995465525 A 19950605; US 1996700317 A 19960805

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1998006227	A2	EN	67	12		

National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LR LS
 LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SE SG SI SK SL TJ TM TR
 TT UA UG UZ VN YU ZW

Regional Designated States, Original: AT BE CH DE DK EA ES FI FR GB GH GR
 IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 199738253	A	EN	Based on OPI patent	WO 1998006227
US 5826195	A	EN	C-I-P of application	US 1992826521
			C-I-P of application	US 199395166
			Continuation of application	US

1993175256

C-I-P of application US 1995465525
 Continuation of patent US 5539810
 C-I-P of patent US 5544225
 PCT Application WO 1997US13633
 Based on OPI patent WO 1998006227

BR 199711028 A PT

Data messaging system in cellular communications network - ...

...sends data messages over data channel of network by altering mobile identification number, electronic serial number or other identifier of cellular transceiver

Original Titles:

Data messaging in a communications network.

...

...DATA MESSAGING IN A COMMUNICATIONS NETWORK

Alerting Abstract ...The system includes a messaging unit coupled to an item using a cellular telephone network. The messaging unit has a cellular transceiver coupled to the telephone network. The messaging unit is operable to alter an identifier of the cellular transceiver to reflect the information about the item and to transmit the altered identifier of the cellular transceiver. A remote site coupled to the cellular telephone network is operable to recognize a received altered identifier transmitted by the messaging unit to obtain the information about the item...

...The remote site stores information represented by the altered identifier. A host is coupled to the remote site and is operable to access the information stored by the remote site...

...ADVANTAGE - Messaging units can send data message using cellular telephone network. Allows information to be sent over existing cellular telecommunication equipment at reduced cost and complexity.

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...messaging unit (16) equipped with a cellular transceiver (38) is attached to a truck trailer (12) or a monitoring station (13) located within a communications network (10). The messaging unit (16) generates a data message in response to the occurrence of a reporting event. Upon generation of a data message, the cellular transceiver (38) transmits the data message over the network (10) via voice or data channels. Data messages may be sent over a data channel of the network (10) by altering the mobile identification number (MIN), electronic serial number (ESN), or other identifier of the cellular transceiver (38)...

...messaging unit (16) equipped with a cellular transceiver (38) is attached to a truck trailer (12) or a monitoring station (13) located within a communications network (10). The messaging unit (16) generates a data message in response to the occurrence of a reporting event. Upon generation of a data message, the cellular transceiver (38) transmits the data message over the network (10) via voice or data

channels. Data messages may be sent over a data channel of the network (10) by altering the mobile identification number (MIN), electronic serial number (ESN), or other identifier of the cellular transceiver (38). >

Claims:

A system for communicating information about an item using a cellular telephone network, comprising: a messaging unit coupled to the item, the messaging unit having a cellular transceiver coupled to the cellular telephone network, the messaging unit operable to alter an identifier of the cellular transceiver to reflect the information about the item and to transmit the altered identifier of the cellular transceiver; and a remote site coupled to the cellular telephone network and operable to recognize a received altered identifier transmitted by the messaging unit to obtain the information about the item.

11/3,K/83 (Item 83 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008586528 - Drawing available

WPI ACC NO: 1998-121584/199812

XRPX Acc No: N1998-096656

Access subscription method from mobile communication terminals - involving combinations of identifications pertaining to specific regions which can be interrogated for necessary subscription data

Patent Assignee: SIEMENS AG (SIEI)

Inventor: MORPER H; RUCKSTUHL H

Patent Family (6 patents, 24 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
DE 19636256	C1	19980226	DE 19636256	A	19960906	199812	B
EP 828399	A2	19980311	EP 1997114216	A	19970818	199814	E
CN 1179667	A	19980422	CN 1997120518	A	19970906	200222	E
CN 1108712	C	20030514	CN 1997120518	A	19970906	200541	E
EP 828399	B1	20060607	EP 1997114216	A	19970818	200641	E
DE 59712669	G	20060720	DE 59712669	A	19970818	200652	E
			EP 1997114216	A	19970818		

Priority Applications (no., kind, date): DE 19636256 A 19960906

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
DE 19636256	C1	DE	6	2	
EP 828399	A2	DE	7	2	

Regional Designated States,Original: AL AT BE CH DE DK ES FI FR GB GR IE
IT LI LT LU LV MC NL PT RO SE SI

EP 828399 B1 DE

Regional Designated States,Original: DE FI FR GB IT NL SE

DE 59712669 G DE Application EP 1997114216
Based on OPI patent EP 828399

Original Titles:

...Method for subscribing mobile communications terminals for access to public, private or domestic areas...

...Method for subscribing mobile communications terminals for access to public, private or domestic areas...

Alerting Abstract ...mobile terminals (KE) can be combined. Using the access from a terminal to a region (BP or BD) of a private or public region or network, a combined identification can be called up...

...Using a subscription region identifier, the subscription data necessary for further actions is obtainable. The different interrogations can be performed using the information (vi) indicative of the different combinations of...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...mobile terminals (KE) can be combined. Using the access from a terminal to a region (BP or BD) of a private or public region or network, a combined identification can be called up.
 Using a subscription region identifier, the subscription data necessary for further actions is obtainable. The different interrogations can be performed using the information (vi) indicative of the different combinations of the region-specific identifications (IPUI(p,d)).

Claims:

...respective areas (BD, BP) it is determined by means of an inquiry at said communication terminal (KE(p,d)) whether linked identifications (IPUI(d)) are assigned to the sent identification (IPUI(p))

...

...Procède de souscription de terminaux de communication mobiles (KE) pour l'accès à des zones publiques, privées resp. locales (BP, BD) aux stations de base (BS(p,d)) desquelles les terminaux de communication mobiles (KE) peuvent être connectés sans...

11/3,K/84 (Item 84 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008553809 - Drawing available

WPI ACC NO: 1998-087290/199808

XRPX Acc No: N1998-069301

Communications network system for preventing cellular telephone fraud - uses programmable identifier in each telephone for encrypting random challenge issued by central validation call-connecting apparatus

Patent Assignee: MCI COMMUNICATIONS CORP (MCIC-N)

Inventor: JORDAN D P; MCMAHON K; REED E

Patent Family (2 patents, 21 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1998000956	A2	19980108	WO 1997US11316	A	19970630	199808 B
AU 199735844	A	19980121	AU 199735844	A	19970630	199825 E

Priority Applications (no., kind, date): US 1996674637 A 19960628

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1998000956	A2	EN	27	5		
National Designated States, Original: AU CA JP MX						
Regional Designated States, Original: AT BE CH DE DK ES FI FR GB GR IE IT						
LU MC NL PT SE						
AU 199735844	A	EN			Based on OPI patent	WO 1998000956

Communications network system for preventing cellular telephone fraud...

...uses programmable identifier in each telephone for encrypting random challenge issued by central validation call-connecting apparatus

Alerting Abstract ...The inventive system validates a calling telephone before a call is connected through the network. Each cellular telephone (102) is programmed with a unique identifier (ID). An initiated call is routed to validation apparatus (112), which issues a random challenge (202) to the calling telephone. This generates a response by encrypting the challenge with the telephone's own Electronic Serial Number (ESN) and Mobile Identification Number (MIN), together with its own unique identifier.

...

...The response is transmitted (204) to the validation apparatus/authentication platform, which generates its own anticipated response using the ESN/MIN plus a telephone identifier, retrieved from a local database. If the two responses match, the call may proceed (206), but termination will follow from a mismatch

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A system and method for authenticating a telephone to a telecommunications network prior to connecting a telephone call. The present invention programs a cellular telephone with a telephone identifier. When a caller uses the cellular telephone to make a call, the telecommunications network automatically routes the call to an authentication platform. There is one authentication platform in the telecommunications network for receiving all cellular calls. The cellular telephone sends a call origination to the authentication platform including an electronic serial number (ESN) and a mobile identification number (MIN). The authentication platform returns a random challenge to the cellular telephone. The cellular telephone generates a response by encrypting the random challenge with its ESN, MIN and a unique telephone identifier and sends the response to the

authentication platform. The authentication platform generates an anticipated response by encrypting the random challenge with the ESN and MIN provided in the originating call and with a telephone identifier retrieved from a local database. The authentication platform compares the response from the cellular telephone with its anticipated response to authenticate the call. If the response and the anticipated response match, the authentication platform allows the call to complete; otherwise, the authentication platform terminates...

Claims:

11/3,K/85 (Item 85 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2009 Thomson Reuters. All rts. reserv.

0008439538 - Drawing available
 WPI ACC NO: 1997-558313/199751
 XRPX Acc No: N1997-465394
 Vehicular emergency message system for communicating with response centre - has activation unit coupled to controller responsive to manual activation to send activating signal to controller
 Patent Assignee: FORD MOTOR CO (FORD)
 Inventor: DICKERSON D L; DORFSTATTER W A; TIMM M J
 Patent Family (1 patents, 1 countries)
 Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5686910	A	19971111	US 1995420900	A	19950410	199751 B

Priority Applications (no., kind, date): US 1995420900 A 19950410

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5686910	A	EN	12	9		

Original Publication Data by Authority
 Argentina

Assignee name & address:
 Original Abstracts:
 ...assistance from a response center by activating a button in the vehicle. The global positioning system is used to continuously store the vehicle location. A cellular telephone network is used to contact a response center and transfer a data string via modem containing information to assist the response center in acting on the request. The vehicle installed...

Claims:

...with said response center in a predetermined manner, including the transmission of audio signals responsive to a data output of said controller for specifying a unique identifier code of said vehicle and specifying said position determined by said position locator; and an activation unit coupled to said controller responsive to a manual activation to send an activating signal to said controller...

...said response center as an automatic call-in without any manual activation of said activation unit, wherein said automatic call-in includes

transmission of said unique identifier code of said vehicle for registering in said response center that said vehicle emergency message system is active and operating, and wherein said comparison of said last connection time with said current time is performed in response to...

11/3,K/86 (Item 86 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0008325661 - Drawing available

WPI ACC NO: 1997-437972/199741

XRPX Acc No: N1997-364114

Secure identification method for communication between **server** and user terminals - using unique random data matrix held in **server** terminal and user memory with **server** transmitting co-ordinates and user returning contents

Patent Assignee: COTTREAU T (COTT-I); NTX RES (NTXR-N); THONIEL P (THON-I); THONIEL P D G (THON-I)

Inventor: COTTREAU T; THONIEL P

Patent Family (5 patents, 18 countries)

Patent			Application						
Number	Kind	Date	Number	Kind	Date	Update			
FR 2745136	A1	19970822	FR 19962097	A	19960215	199741	B		
EP 810506	A1	19971203	EP 1997440015	A	19970214	199802	E		
US 6055638	A	20000425	US 1997911733	A	19970815	200027	NCE		
EP 810506	B1	20030423	EP 1997440015	A	19970214	200329	E		
DE 69721126	E	20030528	DE 69721126	A	19970214	200343	E		
			EP 1997440015	A	19970214				

Priority Applications (no., kind, date): FR 19962097 A 19960215; US 1997911733 A 19970815

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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FR 2745136	A1	FR	29	1		
EP 810506	A1	FR	21	1		

Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT

LI LU MC NL PT SE

EP 810506 B1 FR

Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT

LI LU MC NL PT SE

DE 69721126 E DE Application EP 1997440015

Based on OPI patent EP 810506

Secure identification method for communication between **server** and user terminals...

...using unique random data matrix held in **server** terminal and user memory with **server** transmitting co-ordinates and user returning contents

Alerting Abstract ...The method involves choosing co-ordinates randomly and comparing returned data with the data held in its memory to validate or otherwise the user identifier. To increase security, a shift is

applied to the **server** matrix to give a shifted matrix which is memorised on the **identifier** support together with a shift code...

...When the link between the user and **server** is established, the shift code is applied to the data initially transmitted from the **server** to the user. The shift adds a certain random number to the line number and a second random number to the column number...

...USE/ADVANTAGE - Internet, point of sale banking, other secure transactions. Breakable algorithm does not exist. PCs do not require modification. Low cost.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Secure identification method for communication between **server** and user terminals</br> The method involves choosing co-ordinates randomly and comparing returned data with the data held in its memory to validate or otherwise the user **identifier**. To increase security, a shift is applied to the **server** matrix to give a shifted **matrix** which is memorised on the **identifier** support together with a shift code.</br> When the link between the user and **server** is established, the shift code is applied to the data initially transmitted from the **server** to the user. The shift adds a certain random number to the line number and a second random number to the column number...

...secured authentication of the transmission of data between two terminals includes a secured authentication process for the communication between a user's station and a **server** station, through a communication network, the user's station bring the content of an authentication device depending on information coming from a **server** station, in which a link is established between the user's station and the **server** station, a **server** code is chosen at random at the level of the **server** station, representative data of the **server** code are transmitted in a first **server-to-user** direction, thanks to those data, a **corresponding** user's code is recognized in the content of the authentication device, the recognized user's code is transmitted in a second **user-to-server** direction, the user's code is compared with the **server** code, and the authentication is validated if the user's code is identical to the **server** code.

Claims:

...Gesichertes Zugangsberechtigungsverfahren für die Kommunikation zwischen wenigstens einem Anwenderterminal (PC/Ui) und einem **Server** (2) über ein Kommunikationsnetz,</br>wobei das Terminal insbesondere zum Lesen des Inhaltes eines dem Anwender in Abhängigkeit von vom **Server** (2) stammenden Informationen dedizierten Zugangsberechtigungsträgers (3) bestimmt ist, wobei das Verfahren die folgenden Stufen umfasst:a) im **Server** (2) und auf pseudo-zufällige Weise einen dem Anwender eigenen, "**Server**-Datensatz" genannten, spezifische Zeichen an spezifischen Adressen enthaltenden Datensatz erzeugen;#1) auf pseudo-zufällige Weise eine Verschiebungsfunktion (D) auf den **Server**-Datensatz derart

anwenden, dass ein verschobener Datensatz (MD/Ui) gemäss eines aus der pseudo-zufälligen Anwendung der Verschiebungsfunktion (D) resultierenden Verschiebungscode (CD) erzeugt wird, wobei der Code (CD) jedem Anwender eigen ist;b) diesen verschobenen Server-Datensatz auf dem dem Anwender dedizierten, dann verschobener Anwender-Datensatz (MD/Ui) genannten Zugangsberechtigungsträger (3) zu duplizieren;c) den dedizierten Zugangsberechtigungsträger (3) und, auf getrennte Weise, den Verschiebungscode (CD) auf den Anwender zu übertragen;d) eine Verbindung zwischen dem Terminal (PC/Ui) und dem Server herstellen;e) im Server (2) und auf pseudo-zufällige Weise die Kennzeichnung eines Servercodes (CS) erlaubende Adressen des Server-Datensatzes generieren;f) die besagten Adressen in einer ersten Richtung Server-Terminal übertragen;f1) den dedizierten Verschiebungscode (CD) derart in das Terminal eingeben, dass die den übertragenen Adressen und /oder dem Inhalt dieser Adressen entsprechende Verschiebungsfunktion (D) angewendet wird;g) im Terminal (PC/Ui) einen aus dem Inhalt des Anwender-Datensatzes bestehenden Anwendercode (CU) lesen, wobei der Datensatz den übertragenen Adressen entspricht, auf die die Verschiebungsfunktion (D) gemäss dem dedizierten Verschiebungscode (CD) und / oder dem Anwender-Datensatz angewendet wurde, auf den die Verschiebungsfunktion (D) angewendet wurde;h) Übertragen des gelesenen Anwendercodes (CU) in einen Terminalserver in einer zweiten Richtung;i) Vergleichen des Anwendercodes (CU) mit dem Servercode (CS); undj) Validieren der Zugangsberechtigung des Anwenders, wenn der Anwendercode (CU) identisch mit dem Servercode (CS) ist...

...A secure authentication method for communicating between at least one user terminal (PC/Ui) and a server (2), by means of a communication network, the terminal being in particular intended to read the content of an authentication medium (3) dedicated to the user according to information coming from the server (2), said method comprising the steps consisting of:a) creating, in the server (2) and pseudo-randomly, a data set peculiar to the user referred to as a "server data set", containing specific characters at specific addresses;a1) pseudo-randomly applying a shift function (D) to the server data set, so as to obtain a shifted data set (MD/Ui), in accordance with a shift code (CD) resulting from the pseudorandom application of the shift function (D), the code (CD) being peculiar to each user;b) duplicating this shifted server data set on the authentication medium (3) dedicated to the user, then referred to as a "shifted user data set (MD/Ui)";c) transmitting to the user the dedicated authentication medium (3) and, separately, the shift code (CD);d) establishing a connection between the terminal (PC/Ui) and the server;e) generating, in the server (2) and pseudo-randomly, addresses of the server data set making it possible to locate a server code (CS);f) transmitting said addresses in a first server-to-terminal direction;f1) entering into the terminal the dedicated shift code (CD) so as to apply the ...addresses and/or to the content of these addresses;g) reading from the terminal (PC/Ui) a user code (CU) consisting of the content of the user data set corresponding to the transmitted addresses to which there has been applied the shift function (D), in accordance with the dedicated shift code (CD) and/or the content of the user data set to which there has been applied the shift function (D);h) transmitting, in a second terminal-to-server direction, the user code (CU) read;i)

comparing the user code (CU) with the ~~server~~ code (CS); andj)
validating the authentication of the user if the user code (CU) is
identical to the ~~server~~ code (CS...

...pour la communication entre au moins un terminal d'utilisateur (PC/Ui)
et un serveur (2), par l'intermediaire d'un reseau de communication, le
terminal etant notamment destine a lire le contenu d'un support
d'authentification (3) dedie a l'utilisateur en fonction
d'informations provenant du serveur (2), procede comportant les etapes
consistant a)a) creer, dans le serveur (2) et de maniere
pseudo-aleatoire, un ensemble de donnees propre a l'utilisateur dit (much
less than) ensemble de donnees-serveur (much greater than), contenant des
caracteres...

...Secured authentication process for the communication between a least one
user terminal (PC/Ui) and a ~~server~~ through a communication
~~network~~, the terminal being intended, in particular, to read the
content of an authentication device dedicated to the user depending on
information coming from the ~~server~~, process comprising steps of:a)
creating, in the ~~server~~ and in a pseudo-random manner, a data group
peculiar to the user called data-~~server~~ group, containing specific
signs at specific addresses;b) duplicating this data-~~server~~ group on
the authentication device dedicated to the user, then called data-user
group;c) transmitting to the user the dedicated authentication device;d)
establishing a link between the terminal (PC/Ui) and the ~~server~~;e)
generating, in the ~~server~~ and in a pseudo-random way, addresses of
the data-~~server~~ group making it possible to locate a ~~server~~
code (CS);f) transmitting these addresses in a first ~~server~~
-to-terminal direction;g) reading in the terminal (PC/Ui) a user's code
made up of the content of the data-user group at these transmitted
addresses;h) transmitting in a second terminal-to-~~server~~
direction the user's code (CU) which was read;i) comparing the
user's code (CU) with the ~~server~~ code (CS); andj) validating the
user's authentication if the user's code (CU) is identical to the
~~server~~ code (CS),wherein before step b), it comprises the step
which consists in:bl) applicating, in a pseudo-random manner, a shift
function (D) to the data-~~server~~ group, in order to obtain a
shifted data group (MD/Ui), according to a shift code (CD) which results
from the application of a pseudo-random shift function (D), the code (CD)
being proper to each user;the data group duplicated on the
authentication device (3) dedicated to the user being the shifted
data group (MD/Ui);the dedicated shift code (CD) being separately
transmitted from the authentication device (3),and before the
operational step g), the process also comprises the step which
consists in:gl) entering, in the terminal, the dedicated shift code (CD) in
order to apply the shift function corresponding to the addresses
transmitted or to the content of these addresses;the user's code (CU) read
in the terminal (PC/Ui) being made up of the content of the data-user
group corresponding to the addresses transmitted to which a shift
function (D) has been applied, according to the dedicated shift code (CD)
or to the content of the data-user group to which a shift function
(D) has been applied.

11/3,K/87 (Item 87 from file: 350)
DIALOG(R)File 350:Derwent WPIX

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0008276858 - Drawing available

WPI ACC NO: 1997-385519/199735

XRPX Acc No: N1997-320900

Multi-channel switched communication system for mobile users - in which common input receives selection criteria with identification of receiver and which includes object identification information

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); PHILIPS ELECTRONICS NORTH AMERICA CORP (PHIG); PHILIPS ELECTRONICS NV (PHIG); PHILIPS NORDEN AB (PHIG)

Inventor: SITNIK E

Patent Family (7 patents, 17 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1997026601	A2	19970724	WO 1997IB19	A	19970116	199735 B
WO 1997026601	A3	19970904	WO 1997IB19	A	19970116	199749 E
EP 815520	A1	19980107	EP 1997900073	A	19970116	199806 E
			WO 1997IB19	A	19970116	
JP 11503549	W	19990326	JP 1997525831	A	19970116	199923 E
			WO 1997IB19	A	19970116	
US 6300880	B1	20011009	US 1996587191	A	19960116	200162 E
EP 815520	B1	20021106	EP 1997900073	A	19970116	200281 E
			WO 1997IB19	A	19970116	
DE 69716820	E	20021212	DE 69716820	A	19970116	200306 E
			EP 1997900073	A	19970116	
			WO 1997IB19	A	19970116	

Priority Applications (no., kind, date): US 1996587191 A 19960116

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1997026601	A2	EN	40	8		
National Designated States, Original: JP						
Regional Designated States, Original: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE						
WO 1997026601	A3	EN				
EP 815520	A1	EN				
PCT Application WO 1997IB19						
Based on OPI patent WO 1997026601						
Regional Designated States, Original: DE FR GB						
JP 11503549	W	JA	51			
PCT Application WO 1997IB19						
Based on OPI patent WO 1997026601						
EP 815520	B1	EN				
PCT Application WO 1997IB19						
Based on OPI patent WO 1997026601						
Regional Designated States, Original: DE FR GB						
DE 69716820	E	DE				
Application EP 1997900073						
PCT Application WO 1997IB19						
Based on OPI patent EP 815520						
Based on OPI patent WO 1997026601						

Alerting Abstract ...a number of communication channels having a number of information records stored in a database relating to a number of identified objects, and a database server system for selectively accessing information records based on a selection criteria. A common input receives the selection criteria associated with an identification of a receiver...

...USE/ADVANTAGE - Providing audio information signal to portable receiver in which number of receivers are serviced by single information transmitter system, and received information content is selected by user, e.g. in cellular telephone systems. Provides efficient mobile receiver design and communications system for use in retail environment by consumers.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...having a plurality of communication channels, comprising a plurality of information records stored in a database relating to a plurality of identified objects; a database server system for selectively accessing information records based on a selection criteria; a common input, receiving said selection criteria associated with an identification of a receiver, said selection criteria including...

...having a plurality of communication channels, with a plurality of information records stored in a database relating to a plurality of identified objects; a database server system for selectively accessing information records based on a selection criteria; a common input, receiving the selection criteria associated with an identification of a receiver, the selection criteria including object...

...having a plurality of communication channels, comprising a plurality of information records stored in a database relating to a plurality of identified objects; a database server system for selectively accessing information records based on a selection criteria; a common input, receiving said selection criteria associated with an identification of a receiver, said selection criteria including object identification information; and a...

Claims:

...recording medium (33), each recording medium storing a first copy of at least one pre-recorded music composition, and each object being identified by a unique object identification code (34); and (b) a central terminal, comprising: (i) storage means (11) for storing a plurality of selected portions, each selected portion being a selected portion of a second copy one of the pre-recorded music compositions; (ii) means (10) for retrieving the selected portion from the storage means (11); and (b) characterised in that the system further comprises a plurality of portable terminals (20), adapted to being carried in...

...33), chaque support d'enregistrement stockant une première copie d'au moins une composition de musique préenregistrée et chaque objet étant identifié par un code unique d'identification d'objet (34), et (b) un terminal central comprenant: (i) un moyen de stockage (11) pour stocker une pluralité de parties sélectionnées, chaque partie sélectionnée ...

...caractérise en ce que le système comporte en outre une pluralité de terminaux portables (20), propres à être portés dans le local par des consommateurs respectifs d'objet (35) à objet (35), chaque

terminal portable comportant:(i) un moyen (30) pour identifier automatiquement un objet (35) par le code d'identification d'objet (34), l'objet (35) specifie par le consommateur qui fait fonctionner le terminal portable portant le terminal portable (20);et en ce que le terminal comporte:un moyen (18) pour recevoir les codes d'identification (34) de la pluralite de terminaux portables (20) par le premier canal sans fil;(i) un moyen (10) pour identifier quel terminal portable transmet chaque code d'identification, et(ii) un moyen (17) pour transmettre la partie selectionnee au terminal portable identifie (20) par le...

...comprising:a room in a building, the room containing a plurality of objects each object containing a recording medium, each recording medium storing a first copy of at least one prerecorded music composition, and each object being identified by a unique object identification code;a plurality of portable terminals, adapted to being carried in the room by respective consumers from object to object, each portable terminal including: means for...

...the portable terminal; anda central terminal, including: means for receiving the identification codes from the plurality of portable terminals through the first wireless channel; means to identify which portable terminal transmits each identification code; storage means for storing a plurality of selected portions, each selected portion being a selected portion of a second...

11/3,K/88 (Item 88 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008244381 - Drawing available
WPI ACC NO: 1997-351361/199732
XRPX Acc No: N1997-291165
Call identification method in cellular telephone system - using SS7 network signalling address having local unique code added to it to form unique call identifier covering all legs of call
Patent Assignee: ERICSSON INC (TELF)
Inventor: VALENTINE E
Patent Family (5 patents, 72 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 1997024007	A1	19970703	WO 1996US20617	A	19961220	199732 B
AU 199717438	A	19970717	AU 199717438	A	19961220	199745 E
EP 868821	A1	19981007	EP 1996945956	A	19961220	199844 E
			WO 1996US20617	A	19961220	
BR 199612261	A	19990713	BR 199612261	A	19961220	199939 E
			WO 1996US20617	A	19961220	
US 6070076	A	20000530	US 1995577086	A	19951222	200033 E

Priority Applications (no., kind, date): US 1995577086 A 19951222

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1997024007	A1	EN	33	6		

National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA

UG UZ VN
 Regional Designated States,Original: AT BE CH DE DK EA ES FI FR GB GR IE
 IT KE LS LU MC MW NL OA PT SD SE SZ UG
 AU 199717438 A EN Based on OPI patent WO 1997024007
 EP 868821 A1 EN PCT Application WO 1996US20617
 Based on OPI patent WO 1997024007
 Regional Designated States,Original: DE FI FR GB IT
 BR 199612261 A PT PCT Application WO 1996US20617
 Based on OPI patent WO 1997024007

Call identification method in cellular telephone system...

...using SS7 network signalling address having local unique
 code added to it to form unique call identifier covering all
 legs of call

Original Titles:

...IDENTIFICATION OF MOBILE CALLS WITHIN A MOBILE TELEPHONE
 SYSTEM...

...Identification of mobile calls within a mobile telephone
 system...

...IDENTIFICATION OF MOBILE CALLS WITHIN A MOBILE TELEPHONE
 SYSTEM

Alerting Abstract ...The method for identifying a mobile subscriber call
 within a cellular communications network involves retrieving the
 network signalling address associated with a certain one of the nodes
 servicing the mobile subscriber call. A local call identifier is
 generated locally identifying the mobile subscriber call. The network
 signalling address and the local call identifier are concatenated to
 generate a unique network call identifier for the mobile
 subscriber call...

...for which the signalling address is retrieved is the home location
 register of the mobile switching centre. The concatenation of the
 signalling address and call identifier involves determining the
 length of the unique network call identifier and prefixing a
 value representing the length to the unique network call
 identifier.

...

...ADVANTAGE - Provides flexibility of how and when charging data is
 transferred easing the burden on the communications network.
 Identifies and correlates number of separate interexchange handoff call
 connections with single mobile call.

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The SS7 network signalling address of a serving exchange for a

cellular system is used to construct a unique network call identifier for a mobile call. This unique network call identifier is communicated across the networks to allow multiple serving exchanges associated with a roaming subscriber to produce call data records to a separate network or a node and have it correlate the billing records with a single call. Every mobile call within the cellular networks will have a unique call identifier, and this call identifier is communicated from the anchor exchange to the serving exchange during an interexchange handoff process to identify the transferring call across the network.

The SS7 network signalling address of a serving exchange for a cellular system is used to construct a unique network call identifier for a mobile call. This unique network call identifier is communicated across the networks to allow multiple serving exchanges associated with a roaming subscriber to produce call data records to a separate network or a node and have it correlate the billing records with a single call. Every mobile call within the cellular networks will have a unique call identifier, and this call identifier is communicated from the anchor exchange to the serving exchange during an interexchange handoff process to identify the transferring call across the network.

The SS7 network signalling address of a serving exchange for a cellular system is used to construct a unique network call identifier for a mobile call. This unique network call identifier is communicated across the networks to allow multiple serving exchanges associated with a roaming subscriber to produce call data records to a separate network or a node and have it correlate the billing records with a single call. Every mobile call within the cellular networks will have a unique call identifier, and this call identifier is communicated from the anchor exchange to the serving exchange during an interexchange handoff process to identify the transferring call across the network. >

Claims:

A method of identifying a mobile subscriber call within a wireless cellular network including a plurality of nodes, wherein each of said nodes is assigned a network signaling address, said method comprising the steps of: retrieving said network signaling address associated with a certain one of said nodes servicing said mobile subscriber call; generating a local call identifier locally identifying said mobile subscriber call; concatenating said network signaling address and said local call identifier to generate a unique network call identifier for said mobile subscriber call; and associating said unique network call identifier with said mobile subscriber call at more than one node of said plurality of nodes, said more than one node serving said mobile subscriber call, wherein said step of associating further the steps of: receiving...

...a first exchange from a second exchange; determining whether said mobile subscriber call received from said interoffice hand-off request has been assigned a unique network call identifier; and if said call is not assigned a unique network call identifier, then

defining said first exchange as said certain one of the nodes.

11/3,K/89 (Item 89 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008235494 - Drawing available
WPI ACC NO: 1997-341881/199731
XRPX Acc No: N1997-283588
Emergency PCS system providing information on subscribers location -
uses GPS technology to convert received signals into identification data
and code identifying subscriber's location which is sent to emergency
services if distress signal has been activated
Patent Assignee: MCI COMMUNICATIONS CORP (MCIC-N)
Inventor: NEWMAN B
Patent Family (4 patents, 21 countries)
Patent

Number	Kind	Date	Application Number	Kind	Date	Update
WO 1997022940	A1	19970626	WO 1996US19880	A	19961217	199731 B
EP 868700	A1	19981007	EP 1996944363	A	19961217	199844 E
			WO 1996US19880	A	19961217	
US 5835907	A	19981110	US 1995575196	A	19951220	199901 E
MX 199805053	A1	19990901	MX 19985053	A	19980622	200067 E

Priority Applications (no., kind, date): US 1995575196 A 19951220; WO
1996US19880 A 19961217

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1997022940	A1	EN	21	3		
National Designated States,Original: CA JP MX						
Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT						
LU MC NL PT SE						
EP 868700	A1	EN			PCT Application	WO 1996US19880
					Based on OPI patent	WO 1997022940
Regional Designated States,Original: DE FI FR GB IT SE						

Emergency PCS system providing information on subscribers location...

Original Titles:

...EMERGENCY PCS SYSTEM FOR IDENTIFICATION AND NOTIFICATION OF A
SUBSCRIBER'S LOCATION...

...SYSTEME D'URGENCE DES SERVICES DE COMMUNICATIONS PERSONNELLES (PCS
) POUR L'IDENTIFICATION ET LA NOTIFICATION D'UN EMPLACEMENT D'ABONNE...

...Emergency PCS system for identification and notification of a
subscriber's location...

...EMERGENCY PCS SYSTEM FOR IDENTIFICATION AND NOTIFICATION OF A
SUBSCRIBER'S LOCATION

Alerting Abstract ...The PCS system includes a device receiving
signals from several GPS satellites (102) which are converted into
information identifying a location of the emergency PCS device. This
information and a code is sent to identify the emergency device to a

computer network over a wireless medium. The device selectively generates a distress signal responsive to activation by the subscriber...

...A database (118) on the computer network stores the location information and the code. An application program running on the network converts the information into stored understood location information. The emergency services are automatically notified when the distress signal is generated. If it is not generated a voice processing system interfacing with a telephone caller and the database via the network provides on demand information on the subscriber's location to the caller (128) who supplies the code...

...USE/ADVANTAGE - For emergency service, such as police. Provides simple, inexpensive wireless device for identifying subscriber's location quickly and accurately.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A wireless communications device, operating over frequencies allocated to Personal Communications Services (100), use Global Positioning System technology (102) to determine the subscriber's exact location on a periodic basis. The device sends the location...

...A wireless communication device, operating over frequencies allocated to Personal Communications Services (PCS), uses Global Positioning System (GPS) technology to determine the subscriber's exact location on a periodic basis. The device sends the location information to a database for storage and subsequent retrieval by a Geographical...

Claims:

An emergency personal communications services (PCS) system for providing information on the location of a user, comprising: a PCS device, carried by said user, for receiving signal transmissions from a multiple of GPS satellites, converting said signal transmissions into information identifying a location of said PCS device, and automatically transmitting, over a unidirectional link, said location information and a unique code which identifies said PCS device to a computer network over a wireless medium, said PCS device including means for selectively generating a distress signal responsive to activation by said subscriber; a database located on said computer network for storing said location information and said code; responsive to storage in said database, an application program running on said computer network for converting said location information into generally understood location information which is stored; responsive to said conversion and storage, means for automatically notifying emergency services with the generally understood location information if said distress signal has been generated; and a voice processing system to enable a telephone caller to access said database via said computer network in a non-emergency mode to obtain the generally understood location information of where said PCS device is located provided said caller is able to supply an identifier that corresponds to said unique code of said PCS device.

11/3,K/90 (Item 90 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0008206533 - Drawing available

WPI ACC NO: 1997-310894/199728

XRPX Acc No: N1997-257521

Personalised local call screening method in telephone network -
 monitoring subscriber access lines and detecting destination number dialled
 by caller, before accessing storage device to select listing corresponding
 to calling number and determining whether call is long-distance or local
 Patent Assignee: BELL CANADA (BELL-N); COURVILLE B (COUR-I); KELLY R
 (KELL-I); NORTEL NETWORKS CORP (NELE); NORTEL NETWORKS LTD (NELE);
 SAMSON L (SAMS-I); STENTOR RESOURCE CENT INC (STEN-N); TOUGAS M
 (TOUG-I); TREPANIER G (TREP-I)

Inventor: COURVILLE B; KELLY R; SAMSON L; TOUGAS M; TREPANIER G

Patent Family (7 patents, 19 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1997020425	A1	19970605	WO 1996CA801	A	19961129	199728 B
EP 807351	A1	19971119	EP 1996939780	A	19961129	199751 E
			WO 1996CA801	A	19961129	
JP 10513624	W	19981222	WO 1996CA801	A	19961129	199910 E
			JP 1997520034	A	19961129	
US 5966433	A	19991012	US 19957818	P	19951130	199949 E
			US 1996601608	A	19960214	
EP 807351	B1	20010103	EP 1996939780	A	19961129	200102 E
			WO 1996CA801	A	19961129	
DE 69611434	E	20010208	DE 69611434	A	19961129	200115 E
			EP 1996939780	A	19961129	
			WO 1996CA801	A	19961129	
CA 2211624	C	20020806	CA 2211624	A	19961129	200260 E
			WO 1996CA801	A	19961129	

Priority Applications (no., kind, date): US 19957818 P 19951130; US
 1996601608 A 19960214

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1997020425	A1	EN	30	6	
National Designated					States,Original: CA JP
Regional Designated					States,Original: AT BE CH DE DK ES FI FR GB GR IE IT
					LU MC NL PT SE
EP 807351	A1	EN			PCT Application WO 1996CA801
					Based on OPI patent WO 1997020425
Regional Designated					States,Original: DE FR GB SE
JP 10513624	W	JA	32		PCT Application WO 1996CA801
					Based on OPI patent WO 1997020425
US 5966433	A	EN			Related to Provisional US 19957818
EP 807351	B1	EN			PCT Application WO 1996CA801
					Based on OPI patent WO 1997020425
Regional Designated					States,Original: DE FR GB SE
DE 69611434	E	DE			Application EP 1996939780
					PCT Application WO 1996CA801
					Based on OPI patent EP 807351

Personalised local call screening method in telephone network -

Original Titles:

...METHOD AND APPARATUS FOR SCREENING CALLS IN TELEPHONE NETWORKS

...

...METHOD AND APPARATUS FOR SCREENING CALLS IN TELEPHONE NETWORKS

...

...Method and apparatus for screening calls in telephone networks.

...

...METHOD AND APPARATUS FOR SCREENING CALLS IN TELEPHONE NETWORKS

Alerting Abstract ...The personalised call screening method involves monitoring access lines and detecting a subscriber identifier and a destination number which is dialled by the subscriber setting-up a call. A personal profile of the subscriber is accessed based upon the identifier. At least some of the digits of the detected destination number are compared with numbers defined by the profile. The call is determined to be...

...USE/ADVANTAGE - E.g. for determining whether or not call to particular destination is local call. for telecommunications networks. Obviates need for subscriber to dial area code, once destination number has been added to subscriber's personalised local calling area.

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A telephone network comprises at least one switching unit (10, 12) having a plurality of subscriber access lines (16) each having an associated calling number, a storage device (20) storing a plurality...

...create the personalized calling area by adding entries to, or deleting entries from, a standard local calling area common to a group of subscribers. The network may provide for creation or modification of the subscriber's listing at the central storage unit and transfer of a copy to the appropriate local storage unit associated with...

...A telephone network comprises at least one switching unit having a plurality of subscriber access lines each having an associated calling number and, a storage device storing a plurality of listings of destination numbers. Each listing is...

...a group of subscribers. The storage device may comprise central storage storing a plurality of listings for each of a plurality of switches in the

network, and local storage associated with each of the switches for storing the plurality of listings for that particular switch...
...A telephone network comprises at least one switching unit (10, 12) having a plurality of subscriber access lines (16) each having an associated calling number, a storage device (20) storing a plurality of listings of destination numbers, each listing associated with a...

...create the personalized calling area by adding entries to, or deleting entries from, a standard local calling area common to a group of subscribers. The network may provide for creation or modification of the subscriber's listing at the central storage unit and transfer of a copy to the appropriate local storage unit associated with the subscriber's switch.

Claims:

...A method of personalized local call screening in a telephone network, the network comprising a plurality of switching units (10, 12), each of the switching units having a plurality of access lines (16) for an associated plurality of subscribers (18) the method comprising the steps of storing a plurality of profiles, each profile being associated with...

...of the subscribers and comprising data defining an individual local calling area personal to that particular subscriber, monitoring the access lines and detecting a subscriber identifier and a destination number dialed by the subscriber setting up a call, in dependence upon the subscriber identifier, accessing the personal profile of that subscriber, comparing at least some of the digits of the detected destination number with the numbers defined by the profile and determining the call to be local or long distance in dependence upon such comparison...

...A method of local call screening in a telephone network, the network comprising a plurality of switching units, each or the switching units having a plurality of access lines for an associated plurality of subscribers and storage means for a plurality of profiles, each profile being associated with a respective one of the subscribers and comprising data defining a personal local calling area the content of which personal local calling area has been predetermined by that particular subscribers the method comprising the steps of monitoring the access lines and detecting a subscriber identifier and a destination number dialed by the subscriber setting up a call, in dependence upon the subscriber identifier, accessing the personal profile of that subscriber, comparing at least some of the digits of the detected destination number with said data and determining the call to be local or long distance in dependence upon such comparison.

11/3, K/91 (Item 91 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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0008170370 - Drawing available
WPI ACC NO: 1997-272409/199724
XRPX Acc No: N1997-225708
Directory information storing method in mobile cellular radio telephone -
generating search request data signal in response to input search criteria

and storing returned numbers in memory of mobile radio telephone

Patent Assignee: ERICSSON INC (TELF)

Inventor: MOELNE A L; MOLNE A L

Patent Family (18 patents, 70 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1997016935	A1	19970509	WO 1996US17245	A	19961030	199724 B
AU 199675239	A	19970522	AU 199675239	A	19961030	199739 E
US 5689547	A	19971118	US 1995552003	A	19951102	199801 E
NO 199801980	A	19980630	WO 1996US17245	A	19961030	199836 E
			NO 19981980	A	19980430	
EP 858712	A1	19980819	EP 1996937774	A	19961030	199837 E
			WO 1996US17245	A	19961030	
BR 199611404	A	19990105	BR 199611404	A	19961030	199907 E
			WO 1996US17245	A	19961030	
CN 1200862	A	19981202	CN 1996197931	A	19961030	199916 E
AU 707694	B	19990715	AU 199675239	A	19961030	199939 E
US 5943611	A	19990824	US 1995552003	A	19951102	199941 E
			US 1997908148	A	19970806	
MX 199802942	A1	19980801	MX 19982942	A	19980415	200014 E
JP 2000511007	W	20000822	WO 1996US17245	A	19961030	200045 E
			JP 1997517453	A	19961030	
KR 1999067187	A	19990816	WO 1996US17245	A	19961030	200045 E
			KR 1998703138	A	19980429	
RU 2153239	C2	20000720	WO 1996US17245	A	19961030	200064 E
			RU 1998110133	A	19961030	
MX 204442	B	20010928	MX 19982942	A	19980415	200246 E
KR 354996	B	20021228	WO 1996US17245	A	19961030	200337 E
			KR 1998703138	A	19980429	
EP 858712	B1	20040102	EP 1996937774	A	19961030	200406 E
			WO 1996US17245	A	19961030	
DE 69632162	E	20040519	DE 69632162	A	19961030	200434 E
			EP 1996937774	A	19961030	
			WO 1996US17245	A	19961030	
CN 1096205	C	20021211	CN 1996197931	A	19961030	200528 E

Priority Applications (no., kind, date): US 1995552003 A 19951102; WO 1996US17245 A 19961030; US 1997908148 A 19970806

Patent Details

Number	Kind	Lang	Pg	Dwg	Filing	Notes
WO 1997016935	A1	EN	34	5		
National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN						
Regional Designated States, Original: AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG						
AU 199675239	A	EN			Based on OPI patent	WO 1997016935
US 5689547	A	EN	13	5		
NO 199801980	A	NO			PCT Application	WO 1996US17245
EP 858712	A1	EN			PCT Application	WO 1996US17245
					Based on OPI patent	WO 1997016935
Regional Designated States, Original: BE DE DK ES FI FR GB GR IT NL PT SE						
BR 199611404	A	PT			PCT Application	WO 1996US17245
					Based on OPI patent	WO 1997016935

AU 707694	B	EN		Previously issued patent	AU 9675239
US 5943611	A	EN		Based on OPI patent	WO 1997016935
				Division of application	US 1995552003
JP 2000511007	W	JA	41	Division of patent	US 5689547
				PCT Application	WO 1996US17245
KR 1999067187	A	KO	5	Based on OPI patent	WO 1997016935
				PCT Application	WO 1996US17245
RU 2153239	C2	RU		Based on OPI patent	WO 1997016935
				PCT Application	WO 1996US17245
KR 354996	B	KO		Based on OPI patent	WO 1997016935
				PCT Application	WO 1996US17245
				Previously issued patent	KR 99067187
EP 858712	B1	EN		Based on OPI patent	WO 1997016935
				PCT Application	WO 1996US17245
				Based on OPI patent	WO 1997016935
Regional Designated States, Original:				Application	EP 1996937774
DE 69632162	E	DE		PCT Application	WO 1996US17245
				Based on OPI patent	EP 858712
				Based on OPI patent	WO 1997016935

Original Titles:

...NETWORK DIRECTORY METHODS AND SYSTEMS FOR A CELLULAR
RADIOTELEPHONE...

...NETWORK DIRECTORY METHODS AND SYSTEMS FOR A CELLULAR
RADIOTELEPHONE...

...Network directory methods and systems for a cellular
radiotelephone...

...Cellular radiotelephones including means for generating a search request
data signal and receiving a telephone number from a network directory
database and related methods...

...NETWORK DIRECTORY METHODS AND SYSTEMS FOR A CELLULAR
RADIOTELEPHONE

Alerting Abstract ...The method of storing directory information involves
providing a network directory database, which includes several
telephone numbers, in a cellular telephone system. The method
provides a prompt for user input of search criteria. A search request data
signal is then generated within the cellular radio telephone...

...The search request data signal includes the search criteria and is sent
from the cellular radio telephone to the system. The network
directory database is then searched for a match with the search criteria so
as to identify a subset of several telephone numbers. The subset of...

...from directory. Reduces risk of hazardous driving, due to using one hand
to operate telephone while driving. Provides automated access to cellular
radio telephone system network directory.

Argentina

Assignee name & address:

Original Abstracts:

In a method of storing directory information in a cellular radiotelephone, the cellular radiotelephone system is provided with a **network** directory database including a plurality of telephone numbers. The user is prompted for the input of search criteria, and the input search criteria is accepted. A search request data signal is generated in response to the input search criteria, and this signal is sent to the cellular system. The **network** directory database is **searched** for a match with the search criteria, and one or more telephone numbers can be identified. These telephone numbers are returned to the radiotelephone and ...

...In a method of storing directory information in a cellular radiotelephone, the cellular radiotelephone system is provided with a **network** directory database including a plurality of telephone numbers. The user is prompted for the input of search criteria, and the input search criteria is accepted. A search request data signal is generated in response to the input search criteria, and this signal is sent to the cellular system. The **network** directory database is searched for a match with the search criteria, and one or more telephone numbers can be identified. These telephone numbers are returned to the radiotelephone and stored in a memory of...

...In a method of storing directory information in a cellular radiotelephone, the cellular radiotelephone system is provided with a **network** directory database including a plurality of **telephone** numbers. The user is prompted for the input of search criteria, and the input search criteria is accepted. A search request data signal is generated in response to the input search criteria, and this signal is sent to the cellular system. The **network** directory database is searched for a match with the search criteria, and one or more telephone numbers can be identified. These telephone numbers are returned to the radiotelephone and stored in a memory of the radiotelephone. This method eliminates...

...In a method of storing directory information in a cellular radiotelephone, the cellular radiotelephone system is provided with a **network** directory database including a plurality of telephone numbers. The user is prompted for the input of search criteria, and the input search criteria is accepted. A search request data signal is generated in response to the input search criteria, and this signal is sent to the cellular system. The **network** directory database is searched for a match with the search criteria, and one or more **telephone** numbers can be identified. These telephone numbers are returned to the radiotelephone and stored in a memory of the radiotelephone. This method eliminates the need to interact with...

Claims:

...A method of storing directory information in a cellular radiotelephone (16) comprising the step of providing a **network** directory database (22) in a **cellular telephone** system (10), said **network** directory database (22) comprising a plurality of telephone numbers wherein

said method is characterized by the steps of
:prompting for user input of search criteria;accepting user input of
said search criteria;generating a search request data signal within said
cellular radiotelephone (16) in response to said...

...data signal including said search criteria;sending said search request
data signal from said cellular radiotelephone (16) to said cellular
radiotelephone system (10);searching said network directory database
(22) for a match with said search criteria to identify a subset of said
plurality of telephone numbers;returning said subset of said plurality of
telephone numbers to said cellular radiotelephone (16); andstoring
said subset of said plurality of telephone numbers in said cellular
radiotelephone (16...

...systeme de radiotelephone cellulaire (10);rechercher dans ladite base de
donnees d'annuaire de reseau (22) une concordance avec lesdits criteres de
recherche afin d'identifier un sous-ensemble dans ladite pluralite de
numeros de telephone;retourner ledit sous-ensemble de ladite pluralite de
numeros de telephone audit radiotelephone cellulaire (16...

...de ladite pluralite de numeros de telephone dans ledit radiotelephone
cellulaire (16).

Claim 15. A cellular radiotelephone system
comprising:a network directory database comprising a plurality of
telephone numbers;reception means for receiving a search request data
signal from a cellular radiotelephone, said search request data...

...generated by said cellular radiotelephone in response to prompts for
user input followed by user input of said search criteria;search means for
searching said network directory database for a match with said
search criteria to identify a subset of said plurality of said of
telephone numbers; andtransmission means for transmitting a return data
signal including said subset of telephone numbers to said cellular
radiotelephone...

...search request data signals each of which includes an item of search
criteria from said cellular radiotelephone which prompts for user input of
a plurality of search criteria, which accepts user input of said
plurality of said search criteria, which generates each of said
separate search request data signals in response to said
plurality of items of search criteria, and which sends each of said search
request data signals separately...

...A method for operating a cellular radiotelephone including memory within
a cellular communications system including a network directory
database including a plurality of telephone numbers, the method comprising
the steps of:prompting a user of said cellular radiotelephone to enter
input search...said search request data signal from said cellular
radiotelephone to a cellular radiotelephone system wherein at least a
portion of said search request data signal is compared with the
network directory database to identify at least one telephone number
of the plurality of telephone numbers;receiving a return data signal from
said cellular radiotelephone system

11/3,K/92 (Item 92 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0008051316 - Drawing available

WPI ACC NO: 1997-145910/199713

XRPX Acc No: N1997-120617

Control and regulation of electronic game system - compares input identifier from player to data from data protection system and selection of initial configuration of games from data forming, storage and search system

Patent Assignee: LVOV D E (LVOV-I)

Inventor: LVOV D E

Patent Family (5 patents, 19 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 1997005557	A1	19970213	WO 1995RU241	A	19951110	199713	B
EP 843272	A1	19980520	EP 1995937249	A	19951110	199824	E
			WO 1995RU241	A	19951110		
RU 2095112	C1	19971110	RU 1995112823	A	19950727	199826	E
RU 2102790	C1	19980120	RU 1995112888	A	19950727	199836	E
US 6117011	A	20000912	WO 1995RU241	A	19951110	200046	E
			US 1998321	A	19980127		

Priority Applications (no., kind, date): RU 1995112823 A 19950727; RU 1995112888 A 19950727

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1997005557	A1	RU	29	16	
National Designated States,Original: US					
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
EP 843272	A1	EN			PCT Application WO 1995RU241 Based on OPI patent WO 1997005557
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE					
RU 2095112	C1	RU	10	6	
US 6117011	A	EN			PCT Application WO 1995RU241 Based on OPI patent WO 1997005557

...compares input identifier from player to data from data protection system and selection of initial configuration of games from data forming, storage and search system

Alerting Abstract ...Each subject carries out registration and inputs identification key signs along a telephone line connected through a peripheral computer system (25). Connection is carried out by activating a program in the player registration...

...dialling of the telephone number of a casino and connecting to the central computing station (1) of an administrator. When the system recognises the player identifier, he is able to use his deposit account and selects the game or games through the interface using a game selection system with a list...

...player with the recorded data, the fact of an unsuccessful attempt is recorded and a warning system is triggered to block the account after an assigned number of unsuccessful attempts...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...system control and adjustment relates to computerized gaming and service systems that implement a computerized programmable control and can be used in local and global networks to establish casinos.</br> The EGS consists of a central computer station (1) (CCS), peripheral computer stations (25) (PCS) with communications provided between them, a data transmission network (32) (DTN). The CCS consists of a players registration system (3), a game accounts managing system (4), an information tabulating, scoring and searching system (5), a system for recording gaming situations...

...system (13), a game selection system (14), a mailing system (15). The DTN provides interaction of PCSs with the CCS in an arbitrary combination of PCS types and comprises a communications station (20) and a data transmission network (32).</br> The method of control and adjustment of said system provides the following actions: a player is identified at his registration by a set of key attributes that are encoded and...

...and is scored by each of them. If the set of key attributes does not coincide, a registration failure is logged in the electronic protocol. The number of registration attempts is limited, and, when exceeded, a warning of an EGS intrusion is generated, and the player's accounts are blocked...

...An electronic gaming system is disclosed that includes a central computer station, a plurality of peripheral computer stations, and a data exchange network for coupling the peripheral computer stations to the central computer station. The central computer station includes an administrative subsystem, a player's registration subsystem, a game accounts managing subsystem, an information tabulating, storing and...

...The electronic game system comprises a central computer station (1), a peripheral computer station (25) and a data transmission network (32). The central computer station (1) comprises a player registration system (3), players score-keeping system (4), a data generation, storage and search system (5), a system (6) for recording the state of play, a system (7) for...

...computer station includes systems for electronic payment (11), data protection (12), organisation of protected dealings (13), game selection (14), and mail (15). The data transmission network facilitates interaction between the peripheral computer station and central computer station in any combination of peripheral computer station types and includes a communications station (20) as well as the data transmission network (32). According to the proposed method of controlling and regulating this system, a player when registering identifies himself by a set of key signs which are forwarded to the central computer station

where they are compared with individual...

Claims:

...the database (16') of the executive gaming system (9) and the central computer station (1) interacting with peripheral computer stations (25) through a data exchange network (32) equipped with a communications station (20...

...anda data exchange subsystem coupled to said administrative subsystem for enabling the administrative subsystem to exchange data with other system components;a data exchange network including a communications station coupled to said data exchange subsystem of said central computer station; anda plurality of peripheral computer stations coupled to said central computer station through said data exchange network, each of said peripheral computer stations including a subsystem for admitting and registering players with said central computer station, and a gaming interface subsystem.

11/3,K/93 (Item 93 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007947079 - Drawing available

WPI ACC NO: 1997-036474/199704

XRPX Acc No: N1997-030673

Wireless ATM LAN portable base station switching device - uses several high speed interfaces which are coupled to ATM switching fabric to route incoming ATM cells to appropriate output port in PBS without any VPI translation at transit PBS

Patent Assignee: AT & T IPM CORP (AMTT); LUCENT TECHNOLOGIES INC (LUCE)

Inventor: ENG K Y; KAROL M J; WOODWORTH C

Patent Family (3 patents, 5 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
EP 749259	A2	19961218	EP 1996304038	A	19960604	199704 B
JP 9008826	A	19970110	JP 1996155254	A	19960617	199712 E
US 5623495	A	19970422	US 1995490979	A	19950615	199722 E

Priority Applications (no., kind, date): US 1995490979 A 19950615

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 749259	A2	EN	20	16	
Regional Designated States,Original: DE FR GB					
JP 9008826	A	JA	16		
US 5623495	A	EN	18	16	

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The present invention is a portable base station (PBS) switching device (22) for use in a wireless ATM local area network (LAN). The PBS includes a plurality of high speed interfaces (34) which

operate, for example, in the Gb/s range and which are adapted to couple to other PBSS in the network. The high speed interfaces are coupled to an ATM switching fabric (36) adapted to selectively route incoming ATM cells to an appropriate output port in said PBS without any VPI (virtual path identifier) translation at transit PBSS. The PBS includes wireless interface (48) and processor unit (44) for coupling to mobile users which may include laptop and notebook computers. Memory is included within the processor unit for selectively storing ATM cells...

...The present invention is a portable base station (PBS) switching device for use in a wireless ATM local area network (LAN). The PBS includes a plurality of high speed interfaces which operate, for example, in the Gb/s range and which are adapted to couple to other PBS s in the network. The high speed interfaces are coupled to an ATM switching fabric adapted to selectively route incoming ATM cells to an appropriate output port in said PBS without any VPI (virtual path identifier) translation at transit PBSS. The PBS includes wireless interface and processor unit for coupling to mobile users which may include laptop and notebook computers. Memory is included within the processor unit for selectively storing...

Claims:

...transmitting ATM cells; and ATM switching fabric, said ATM switching fabric adapted for destination routing of said incoming ATM cells, said switching apparatus having a unique identification assigned thereto, wherein said switching fabric is operable to perform VPI translation on only said ATM cells having a destination VPI corresponding to said unique identification of said switching apparatus.

11/3,K/94 (Item 94 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0007828486 - Drawing available

WPI ACC NO: 1996-457489/199646

XRPX Acc No: N1996-385525

Vehicular emergency message system for requesting either emergency or roadside assistance - places second call to response centre using only voice contact and bypasses data transmission via modem in event that first data call is unsuccessful

Patent Assignee: FORD MOTOR CO (FORD)

Inventor: DORFSTATTER W A; TIMM M J

Patent Family (4 patents, 3 countries)

Patent		Application		Update	
Number	Kind	Date	Number	Kind	Date
EP 737953	A1	19961016	EP 1996302367	A	19960403
US 5572204	A	19961105	US 1995419349	A	19950410
EP 737953	B1	20000223	EP 1996302367	A	19960403
DE 69606730	E	20000330	DE 69606730	A	19960403
			EP 1996302367	A	19960403

Priority Applications (no., kind, date): US 1995419349 A 19950410

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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EP 737953 A1 EN 12 8
Regional Designated States,Original: DE FR GB
US 5572204 A EN 11 5
EP 737953 B1 EN
Regional Designated States,Original: DE FR GB
DE 69606730 E DE Application EP 1996302367
 Based on OPI patent EP 737953

Alerting Abstract ...assistance from response centre by activating a button (26) in the vehicle. The global positioning system is used to continuously store the vehicle location. A ~~cellular telephone network~~ (22,25) is used to contact a response centre and transfer a data string via modem (76) containing information to assist the response centre in...

...number for receiving a data transfer is unsuccessful, a second call is made to a different number bypassing the data transfer and immediately placing the ~~cellular phone~~ into an unmuted condition. This allows the user to hear and interact with a cellular operator, if necessary, prior to being connected to the response...
...assistance. Automatically reverts to voice mode from data transmitting mode if data call is not completed on first try, thus allowing more reliable connection over ~~cellular telephone network~~.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...from a response centre by activating a button (26) in the vehicle. The global positioning system is used to continuously store the vehicle location. A ~~cellular telephone network~~ (22,25) ~~is used~~ to contact a response centre and transfer a data string via modem (76) containing information to assist the response centre in acting on the request...

...number for receiving a data transfer is unsuccessful, a second call is made to a different number bypassing the data transfer and immediately placing the ~~cellular phone~~ into an ~~unmuted~~ condition. This allows the user to hear and interact with a cellular operator, if necessary, prior to being connected to the response centre...
...assistance from a response center by activating a button in the vehicle. The global positioning system is used to continuously store the vehicle location. A ~~cellular telephone network~~ is used to contact a response ~~center and transfer~~ a data string via modem containing information to assist the response center in acting on the request. If a first attempt to contact the response...

...number for receiving a data transfer is unsuccessful, a second call is made to a different number bypassing the data transfer and immediately placing the ~~cellular phone~~ into an unmuted condition. This allows the ~~user~~ to hear and interact with a cellular operator, if necessary, prior to being connected to the response center.

Claims:

...a first call to said response centre including the initial transmission

of audio signals responsive to a data output of said controller for specifying a ~~unique identifier code~~ of said vehicle while said audio output is muted, 3) detecting a failure of said first call in response to tone signals received or not received during said first call, and 4) initiating a second...

...a first call to said response centre including the initial transmission of audio signals responsive to a data output of said controller for specifying a ~~unique identifier code~~ of said vehicle while said audio output is muted, 3) detecting a failure of said first call in response to tone signals received or not received during said first call, characterized in that said activation mode further ~~comprises~~ 4) initiating a second call to said response centre if said first call fails, said second call being comprised of an initial transmission and reception of voice signals ...initiating a first call to said response center including an initial transmission of audio signals responsive to a data output of said controller for specifying a ~~unique identifier code~~ of said vehicle while said audio output is muted, 3) detecting a failure of said first call in response to whether said tone signals...

...said first call fails, said second call being comprised of an initial transmission and reception of voice responsive to said audio input and said audio output without muting.>

11/3,K/95 (Item 95 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007828485 - Drawing available
WPI ACC NO: 1996-457488/199646
XRPX Acc No: N1996-385524
Vehicular emergency message system for requesting either emergency or roadside assistance - has controller coupled to position locator and communications transceiver for causing communication of latter with response centre in set manner, and activation unit to place controller from wait mode into activation mode
Patent Assignee: FORD MOTOR CO (FORD)
Inventor: DORFSTATTER W A; TIMM M J
Patent Family (5 patents, 4 countries)
Patent
Number Kind Date Application Number Kind Date Update
EP 737952 A1 19961016 EP 1996302366 A 19960403 199646 B
JP 8293832 A 19961105 JP 199686424 A 19960409 199703 E
US 5687215 A 19971111 US 1995419350 A 19950410 199751 E
EP 737952 B1 20000223 EP 1996302366 A 19960403 200015 E
DE 69606729 E 20000330 DE 69606729 A 19960403 200023 E
EP 1996302366 A 19960403

Priority Applications (no., kind, date): US 1995419350 A 19950410

Patent Details
Number Kind Lan Pg Dwg Filing Notes
EP 737952 A1 EN 12 8
Regional Designated States, Original: DE FR GB

JP 8293832 A JA 10
 US 5687215 A EN 11 5
 EP 737952 B1 EN
 Regional Designated States, Original: DE FR GB
 DE 69606729 E DE Application EP 1996302366
 Based on OPI patent EP 737952

Alerting Abstract ...from a response centre by activating a button (26) in the vehicle. The global positioning system is used to continuously store the vehicle location. A cellular telephone network is used to contact a response centre and transfer a data string via modem containing information to assist the response centre in acting on the...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...from a response centre by activating a button (26) in the vehicle. The global positioning system is used to continuously store the vehicle location. A cellular telephone network is used to contact a response centre and transfer a data string via modem containing information to assist the response centre in acting on the request. The response centre...

...assistance from a response center by activating a button in the vehicle. The global positioning system is used to continuously store the vehicle location. A cellular telephone network is used to contact a response center and transfer a data string via modem containing information to assist the response center in acting on the request. The response center sends a termination tone to...

Claims:

...is established; and
 wherein said communication mode is comprised of 1) transmitting audio signals responsive to a data output of said controller for specifying a unique identifier code of said vehicle and specifying said position determined by said position locator, 2) enabling voice contact between said vehicle and said response centre using said audio input and said audio output, 3) monitoring said communication channel for a termination...

...is established; and wherein said communication mode is comprised of 1) transmitting audio signals responsive to a data output of said controller for specifying a unique identifier code of said vehicle and specifying said position determined by said position locator, 2) enabling voice contact between said vehicle and said response centre using said audio input and said audio output, 3) monitoring said communication channel for a termination signal sent by said response centre, 4) sensing an absence of said communication channel, characterized in that said communication mode further comprises 5) re-entering said activation mode upon sensing of said absence of said...

...is established; and wherein said communication mode is comprised of 1) transmitting audio signals responsive to a data output of said controller for specifying a unique identifier code of said vehicle and specifying said position determined by said position locator, 2)

enabling voice contact between said vehicle and said response center using said...

...of said communication channel, and 5) reentering said activation mode to reestablish voice contact with said response center upon sensing of said loss of said communication channel without having received said termination signal.

11/3,K/96 (Item 96 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0007572903 - Drawing available
 WPI ACC NO: 1996-188690/199619
 XRPX Acc No: N1996-157784

Network based messaging and multimedia communications and directory system - has several hubs interconnected via communications network to interconnect messaging systems with disparate capabilities and using disparate communications protocols

Patent Assignee: AVAYA TECHNOLOGY CORP (AVAY-N); LUCENT TECHNOLOGIES INC (LUC); OCTEL COMMUNICATIONS CORP (OCTE-N)
 Inventor: COHN R S; COHN S; DIMITROFF M P; DIMITROFF P; HUCH A T; HUCH T; KALBFLEISCH C W; KALBFLEISCH W; O'NEAL C C; ONEAL C; ONEAL C C; REECE D M; REECE M; SCHOENBERGER C F; SCHOENBERGER F; SCHOENBERGER C F; SWOOPES J R; SWOOPES R; VAUDREUIL G M; WHIPPLE B; WHIPPLE M B

Patent Family (15 patents, 64 countries)			Application			
Patent Number	Kind	Date	Number	Kind	Date	Update
WO 1996009710	A1	19960328	WO 1995US11772	A	19950915	199619 B
AU 199536337	A	19960409	AU 199536337	A	19950915	199629 E
US 5621727	A	19970415	US 1994307517	A	19940916	199721 E
			US 1995499198	A	19950707	
EP 781482	A1	19970702	EP 1995933827	A	19950915	199731 E
			WO 1995US11772	A	19950915	
US 5740231	A	19980414	US 1994307517	A	19940916	199822 E
US 5761201	A	19980602	US 1994307517	A	19940916	199829 E
			US 1995499198	A	19950707	
			US 1997797563	A	19970207	
US 5872779	A	19990216	US 1994307517	A	19940916	199914 E
			US 1995499198	A	19950707	
			US 1997797563	A	19970207	
			US 199854301	A	19980402	
US 5982856	A	19991109	US 1994307517	A	19940916	199954 E
			US 199856732	A	19980407	
US 6031895	A	20000229	US 1994307517	A	19940916	200018 E
			US 199856673	A	19980407	
US 6064723	A	20000516	US 1994307517	A	19940916	200031 E
			US 199856674	A	19980407	
US 6411684	B1	20020625	US 1994307517	A	19940916	200246 E
			US 199856592	A	19980407	
EP 781482	B1	20041117	EP 1995933827	A	19950915	200476 E
			WO 1995US11772	A	19950915	
DE 69533776	E	20041223	DE 69533776	A	19950915	200501 E
			EP 1995933827	A	19950915	
			WO 1995US11772	A	19950915	

DE 69533776	T2	20051124	DE 69533776	A	19950915	200581	E
			EP 1995933827	A	19950915		
			WO 1995US11772	A	19950915		
CA 2199243	C	20060117	CA 2199243	A	19950915	200609	E
			WO 1995US11772	A	19950915		

Priority Applications (no., kind, date): US 1994307517 A 19940916; US 1995499198 A 19950707; US 1997797563 A 19970207; US 199854301 A 19980402; US 199856592 A 19980407; US 199856673 A 19980407; US 199856674 A 19980407; US 199856732 A 19980407

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1996009710	A1	EN	148	18		
National Designated States,Original: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG UZ VN						
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG						
AU 199536337	A	EN			Based on OPI patent	WO 1996009710
US 5621727	A	EN	33	18	C-I-P of application	US 1994307517
EP 781482	A1	EN	148	18	PCT Application	WO 1995US11772
Based on OPI patent WO 1996009710						
Regional Designated States,Original: DE FR GB						
US 5740231	A	EN	36	14		
US 5761201	A	EN			C-I-P of application	US 1994307517
1995499198					Continuation of application	US
US 5872779	A	EN			Continuation of patent	US 5621727
					C-I-P of application	US 1994307517
1995499198					Continuation of application	US
					Division of application	US 1997797563
					Continuation of patent	US 5621727
					C-I-P of patent	US 5740231
US 5982856	A	EN			Division of patent	US 5761201
					Division of application	US 1994307517
US 6031895	A	EN			Division of patent	US 5740231
					Division of application	US 1994307517
US 6064723	A	EN			Division of patent	US 5740231
					Division of application	US 1994307517
US 6411684	B1	EN			Division of patent	US 5740231
					Division of application	US 1994307517
EP 781482	B1	EN			Division of patent	US 5740231
					PCT Application	WO 1995US11772
					Based on OPI patent	WO 1996009710
Regional Designated States,Original: DE FR GB						
DE 69533776	E	DE			Application	EP 1995933827
					PCT Application	WO 1995US11772
					Based on OPI patent	EP 781482
					Based on OPI patent	WO 1996009710

DE 69533776	T2 DE	Application EP 1995933827 PCT Application WO 1995US11772 Based on OPI patent EP 781482 Based on OPI patent WO 1996009710
CA 2199243	C EN	PCT Application WO 1995US11772 Based on OPI patent WO 1996009710

Network based messaging and multimedia communications and directory system...
...has several hubs interconnected via communications **network** to interconnect messaging systems with disparate capabilities and using disparate communications protocols

Original Titles:

...**NETWORK**-BASED MULTIMEDIA COMMUNICATIONS AND DIRECTORY SYSTEM AND METHOD OF OPERATION...

...**NETWORK**-BASED MULTIMEDIA COMMUNICATIONS AND DIRECTORY SYSTEM AND METHOD OF OPERATION...

...**Network**-based multimedia communications and directory system and method of operation...

...**Network**-based multimedia communications and directory system and method of operation...

...**Network**-based multimedia communications and directory system and method of operation...

...**Network**-based multimedia communications and directory system and method of operation...

...**Network**-based multimedia communications and directory system and method of operation...

...**NETWORK**-BASED MULTIMEDIA COMMUNICATIONS AND DIRECTORY SYSTEM AND METHOD OF OPERATION

Alerting Abstract ...The communications system includes a **network** system which is operable to be connected to external voice messaging systems. An interface system is resident in the **network** system and operable to be coupled to the external voice messaging systems. The **network** system receives communications traffic through the interface systems from te external voice messaging systems, at least two of which communicate with the **network** system using disparate communications protocols...

...A database storage resident within the **network** systems stores user profile information associated with users of at least two of the external voice messgaing systems. the user profile information includes routing information...

Title Terms/Index Terms/Additional Words: **NETWORK**;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A communications system (10) is provided which comprises a plurality of network hubs (12, 14 and 16). Network hubs (12, 14 and 16) are interconnected through a communications network (18). The system (10) interconnects messaging systems (24, 26, 28, 30, 32, 34, 36, 40, 42 and 44) having disparate capabilities and using disparate communications protocols. The network hubs use numbers of connection processors (52 and 54) to interact with the messaging systems. A hub database (68) and message store (58) are used to store control information and messaging information within the network hubs. A network processor (60) is used to interact with other hubs within the communications system (10). A message router (72), connection manager (74), data replicator (76), and an administrative event manager...

...A network hub system (200) is connected to a communications cloud (18) as well as messaging systems (202), (204), (206) and (208). A public access port (212) interacts with a public virtual messaging system (202a). A private access port (214) interacts with a private virtual messaging system (202b). Address translation tables are used to provide for identification of members of messaging communities which allow for the implementation of virtual private networks connected to hub system (200) and other hubs.

...

...A communications system (10) is provided which comprises a plurality of network hubs (12), (14), and (16). Network hubs (12), (14), and (16) are interconnected through a communications network (18). The system (10) interconnects messaging systems (24), (26), (28), (30), (32), (34), (36), (40), (42) and (44) having disparate capabilities and using disparate communications protocols. The network hubs use numbers of connection processors (52) and (54) to interact with the messaging systems. A hub database (68) and message store (58) are used to store control information and messaging information within the network hubs. A network processor (60) is used to interact with other hubs within the communications system (10). A message router (72), connection manager (74), data replicator (76), and an administrative event manager (78) are used to control the operations of the hub in processing a message. A management server (64) and a event processor (70) are used by communications system (10) to manage the internal operations of each of the network hubs. The network center (37) contains a customer computer interface system (167) and an interactive voice response system (169) to allow user interaction with information provider databases (39), a customer service system (161), a message tracking system (163), a billing system (159), and a HelpLine system (157). The network center (37) contains a master database (151) that is used to synchronize the databases stored in each of the network hubs (12), (14), and (16).

A network hub system (200) is connected to a communications cloud (18) as well as messaging systems (202), (204), (206) and (208). A public access port (212) interacts with a public virtual messaging system (202a). A private access port (214) interacts with a private virtual messaging system (202b). Address translation tables

are used to provide for identification of members of messaging communities which allow for the implementation of virtual private networks connected to hub system (200) and other hubs. A network hub system (200) is connected to a communications cloud (18) as well as messaging systems (202), (204), (206) and (208). A public access port (212) interacts with a public virtual messaging system (202a). A private access port (214) interacts with a private virtual messaging system (202b). Address translation tables are used to provide for identification of members of messaging communities which allow for the implementation of virtual private networks connected to hub system (200) and other hubs.

A communications system (10) is provided which comprises a plurality of network hubs (12), (14), and (16). Network hubs (12), (14), and (16) are interconnected through a communications network (18). The system (10) interconnects messaging systems (24), (26), (28), (30), (32), (34), (36), (40), (42) and (44) having disparate capabilities and using disparate communications protocols. The network hubs use numbers of connection processors (52) and (54) to interact with the messaging systems. A hub database (68) and message store (58) are used to store control information and messaging information within the network hubs. A network processor (60) is used to interact with other hubs within the communications system (10). A message router (72), connection manager (74), data replicator (76), and an administrative event manager (78) are used to control the operations of the hub in processing a message. A management server (64) and a event processor (70) are used by communications system (10) to manage the internal operations of each of the network hubs. The network center (37) contains a customer computer interface system (167) and an interactive voice response system (169) to allow user interaction with information provider databases (39), a customer service system (161), a message tracking system (163), a billing system (159), and a HelpLine system (157). The network center (37) contains a master database (151) that is used to synchronize the databases stored in each of the network hubs (12), (14), and (16).

A communications system (10) is provided which comprises a plurality of network hubs (12), (14), and (16). Network hubs (12), (14), and (16) are interconnected through a communications network (18). The system (10) interconnects messaging systems (24), (26), (28), (30), (32), (34), (36), (40), (42) and (44) having disparate capabilities and using disparate communications protocols. The network hubs use numbers of connection processors (52) and (54) to interact with the messaging systems. A hub database (68) and message store (58) are used to store control information and messaging information within the network hubs. A network processor (60) is used to interact with other hubs within the communications system (10). A message router (72), connection manager (74), data replicator (76), and an administrative event manager (78) are used to control the operations of the hub in processing a message. A management server (64) and a event processor (70) are used by communications system (10) to manage the internal operations of each of the network hubs. The network center (37) contains a customer computer interface system (167) and an interactive voice response system (169) to allow user interaction with information provider databases (39), a customer service system (161), a message tracking system (163), a billing

system (159), and a HelpLine system (157). The network center (37) contains a master database (151) that is used to synchronize the databases stored in each of the network hubs (12), (14), and (16).

A communications system (10) is provided which comprises a plurality of network hubs (12), (14), and (16). Network hubs (12), (14), and (16) are interconnected through a communications network (18). The system (10) interconnects messaging systems (24), (26), (28), (30), (32), (34), (36), (40), (42) and (44) having disparate capabilities and using disparate communications protocols. The network hubs use numbers of connection processors (52) and (54) to interact with the messaging systems. A hub database (68) and message store (58) are used to store control information and messaging information within the network hubs. A network processor (60) is used to interact with other hubs within the communications system (10). A message router (72), connection manager (74), data replicator (76), and an administrative event manager (78) are used to control the operations of the hub in processing a message. A management server (64) and an event processor (70) are used by communications system (10) to manage the internal operations of each of the network hubs. The network center (37) contains a customer computer interface system (167) and an interactive voice response system (169) to allow user interaction with information provider databases (39), a customer service system (161), a message tracking system (163), a billing system (159), and a HelpLine system (157). The network center (37) contains a master database (151) that is used to synchronize the databases stored in each of the network hubs (12), (14), and (16).

A communications system (10) is provided which comprises a plurality of network hubs (12), (14), and (16). Network hubs (12), (14), and (16) are interconnected through a communications network (18). The system (10) interconnects messaging systems (24), (26), (28), (30), (32), (34), (36), (40), (42), and (44) having disparate capabilities and using disparate communications protocols. The network hubs use numbers of connection processors (52) and (54) to interact with the messaging systems. A hub database (68) and message store (58) are used to store control information and messaging information within the network hubs. A network processor (60) is used to interact with other hubs within the communications system (10). A message router (72), connection manager (74), data replicator (76), and an administrative event manager (78) are used to control the operations of the hub in processing a message. A management server (64) and an event processor (70) are used by communications system (10) to manage the internal operations of each of the network hubs. The network center (37) contains a customer computer interface system (167) and an interactive voice ...with information provider databases (39), a customer service system (161), a message tracking system (163), a billing system (159), and a HelpLine system (157). The network center (37) contains a master database (151) that is used to synchronize the databases stored in each of the network hubs (12), (14), and (16).

A communications system (10) is provided which comprises a plurality of network hubs (12, 14 and 16). Network hubs (12, 14 and 16) are interconnected through a communications network (18). The system (10) interconnects messaging systems (24, 26, 28, 30, 32, 34, 36, 40, 42 and 44) having disparate capabilities and using disparate communications protocols. The network hubs use numbers of connection processors (52 and 54) to interact with the messaging systems. A hub database (68) and message store (58) are used to store control information and messaging information within the network hubs. A network processor (60) is used to interact with other hubs within the communications system (10). A message router (72), connection manager (74), data replicator (76), and an administrative event manager (78) are used to control the operations of the hub in processing a message.

Claims:

The communications system includes a network system which is operable to be connected to external voice messaging systems. An interface system is resident in the network system and operable to be coupled to the external voice messaging systems. The network system receives communications traffic through the interface systems from the external voice messaging systems, at least two of which communicate with the network system using disparate communications protocols...

...A database storage resident within the network systems stores user profile information associated with users of at least two of the external voice messaging systems. The user profile information includes routing information...

...A communications system (10), comprising: a network system (18) operable to be connected to external voice messaging systems (20-42; MS); interface systems (56, 62) resident in the network system (18) and operable to be coupled to the external voice messaging systems (20-42; MS), the network system (18) operable to receive communications traffic through the interface systems (56, 62) from the external voice messaging systems (20-42; MS), at least two of the external voice messaging systems (20-42; MS) communicating with the network system (18) using disparate communications protocols; database storage (151) resident within the network system (18) operable to store user profile information associated with users of the communications system (10) connected through at least two of the external voice messaging systems (20-42; MS), the user profile information comprising routing information for particular users of the communications system (10) specifying the routing of messages according to the contents of the messages and the external voice messaging systems (20-42; MS) available to the particular users; wherein the network system (18) comprises a network hub system having a plurality of network hubs (12-16) interconnected by internal data communications paths (62) and where each of the external voice messaging systems (20-42; MS) is coupled to one of the network hubs (12-16); and each of the network hubs (12-16) comprises a network processor (60) operable to communicate to other network hubs (12-16) through the internal data communication paths (62) and where the network processor (60) is operable to receive updated information regarding users of the system (10) and updated information regarding status of messages being processed by the system (10) and is operable to update a hub database (68) within the network hub system to reflect the updated information received from other network hub systems.

Un...A communications system, comprising:a network hub system comprising at least one public access port and at least one private access port;a messaging system operable to contact and connect to both the private and public access ports, the messaging system accessible to users and operable to receive and deliver messages from and to the users of the messaging system where at least some of the users are able to use public addressing and private addressing forms to address messages; andthe network hub system comprising stored user tables comprising community information identifying particular users who are able to use private addressing forms to route messages to each other such that such users may use private global address forms unique within a community to address messages.

A communications system, comprising:a network system operable to be connected to external voice messaging systems;interface systems resident in the network system and operable to be coupled to the external voice messaging systems, the network system operable to receive communications traffic through the interface systems from the external voice messaging systems,at least two of the external voice messaging systems communicating with the network system using disparate communications protocols;database storage resident within the network system operable to store user profile information associated with users of the communications system connected through at least two of the external voice messaging systems, the user profile information comprising routing information for particular users of the communications system specifying the routing of messages according to the contents of the messages and the external messaging systems available to the particular users;a network center coupled to the network system through an internal data communication path, the network center containing network support systems for the administration, tracking and operation of the communications system; andthe network center comprises a message tracking system operable to store status information associated with messages being processed by the system, the message tracking system operable to report the status of messages being processed by the system and further operable to stop the delivery of messages at the request of the sender of the message.

A method of processing a message using a communications network comprising:receiving initial address information as to the identity of a destination user from a source user of the system;determining an addressing form of...

...address information;if the initial address information is a public addressing form, accessing a user profile database using the initial address information to retrieve a unique internal identifier and identification confirmation for the destination user;if the initial address information is a private addressing form, accessing stored user tables using the initial address information to retrieve a unique internal identifier and identification confirmation for the destination user;transmitting the retrieved identification confirmations to the source user to confirm the intended recipient of the message;receiving a message from the source user; androuting the message to the destination user using the unique internal identifier.

11/3,K/97 (Item 97 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007474488 - Drawing available
WPI ACC NO: 1996-085289/199609
XRPX Acc No: N1996-071655
Digital ~~cordless telephone~~ ID card mounting - controls call
connection of carrier frequency corresponding to ~~individual~~
~~number~~ selected by first selector
Patent Assignee: CANON KK (CANO)
Inventor: TSUKAMOTO T
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
JP 7336771 A 19951222 JP 1994151493 A 19940609 199609 B

Priority Applications (no., kind, date): JP 1994151493 A 19940609

Patent Details
Number Kind Lan Pg Dwg Filing Notes
JP 7336771 A JA 6 6

Digital ~~cordless telephone~~ ID card mounting...
...controls call connection of carrier frequency corresponding to
~~individual number~~ selected by first selector

Original Titles:
PORTABLE TELEPHONE TERMINAL

Alerting Abstract ...The telephone has a mounting mechanism which mounts
an external memory for e.g. memory card, ~~identifier~~ card where
~~individual numbers~~ are stored by an ~~individual~~
~~number~~ registration mechanism. It has a first selector which selects
the ~~individual number~~ specified in the external memory...

...A second selector selects a carrier frequency for a control system
corresponding to the ~~individual number~~ selected by the first
selector. The selected carrier frequency is use in a call connection...

...ADVANTAGE - Controls selection connection of ~~cordless-~~
~~telephone~~ system with any circuit of in-house and outside public
telecommunication ~~network~~. Provides ~~identifier~~ number to use
many unspecified telephones peculiar to ~~identifier~~ number.

Original Publication Data by Authority

Argentina

11/3,K/98 (Item 98 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007355912 - Drawing available

WPI ACC NO: 1995-108819/199515

XRPX Acc No: N1995-086040

Personalised information service system use - using unique identifier received during call set-up for automatic and immediate retrieval of personalised profile for information service subscriber

Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); AT & T (AMTT); AT & T CORP (AMTT)

Inventor: BACKAUS M S; BARERRA C D; BARRERA C D; DAVENPORT E L; FAHRER H; OSTROFF B N; PETRELLI R; SONKE S K

Patent Family (12 patents, 7 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 643541	A2	19950315	EP 1994306560	A	19940907	199515 B
CA 2128306	A	19950315	CA 2128306	A	19940718	199524 E
JP 7203081	A	19950804	JP 1994244917	A	19940914	199540 E
EP 643541	A3	19960207	EP 1994306560	A	19940907	199622 E
CN 1110032	A	19951011	CN 1994115140	A	19940908	199735 E
US 5694459	A	19971202	US 1993121123	A	19930914	199803 E
			US 1995538109	A	19951002	
			US 1997785424	A	19970116	
CA 2128306	C	19981215	CA 2128306	A	19940718	199909 E
MX 188711	B	19980422	MX 19946915	A	19940909	200027 E
EP 643541	B1	20020227	EP 1994306560	A	19940907	200215 E
DE 69429955	E	20020404	DE 69429955	A	19940907	200230 E
			EP 1994306560	A	19940907	
JP 3357199	B2	20021216	JP 1994244917	A	19940914	200302 E
CN 1081863	C	20020327	CN 1994115140	A	19940908	200516 E

Priority Applications (no., kind, date): US 1993121123 A 19930914; EP 1994306560 A 19940907; US 1995538109 A 19951002; US 1997785424 A 19970116

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 643541	A2	EN	7	2	
Regional Designated States, Original: DE ES FR GB					
CA 2128306	A	EN			
JP 7203081	A	JA	6		
EP 643541	A3	EN			
US 5694459	A	EN	7	2	Continuation of application US 1993121123
					Continuation of application US 1995538109
CA 2128306	C	EN			
EP 643541	B1	EN			
Regional Designated States, Original: DE ES FR GB					
DE 69429955	E	DE			Application EP 1994306560
					Based on OPI patent EP 643541
JP 3357199	B2	JA	6		Previously issued patent JP 07203081

...using unique identifier received during call set-up for automatic and immediate retrieval of personalised profile for information service subscriber

Alerting Abstract ...telephone call. A record is stored which identifies preselected information to be provided to the subscriber. An number, unique to the subscriber, provides a subscriber identifier.

...

...In response to the subscriber identifier, the subscriber record is retrieved so that the personalised subscriber profile is accessed and relevant information provided. The identifier is received during set-up of the telephone call and the information source retrieval is automatic. Preferably, the subscriber identifier is formed from a telephone number. The system uses Integrated Services Digital Networks (ISDN) signalling and temporary "out-of-band" signalling...

...USE/ADVANTAGE - Weather forecasts, sports results service etc. Provides automatic response to subscriber identifier to retrieve record identifying information to be supplied. Improves response time.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A high-speed information service system is provided which uses a unique identifier received during call setup to retrieve automatically a personalized profile for an information service subscriber. The identifier uniquely identifies the subscriber, thereby allowing the information retrieval process to begin immediately after the call is setup. The system utilizes Integrated Services Digital Networks (ISDN) signaling and temporary, "out-of-band" signaling to improve information retrieval capability. ISDN signaling permits electronic addressing of information requested by the subscriber, thereby eliminating the delays which...

...A high-speed information service system is provided which uses a unique identifier received during call setup to retrieve automatically a personalized profile for an information service subscriber. The identifier uniquely identifies the subscriber, thereby allowing the information retrieval process to begin immediately after the call is setup. The system utilizes Integrated Services Digital Networks (ISDN) signaling and temporary, "out-of-band" signaling to improve information retrieval capability. ISDN signaling permits electronic addressing of information requested by the subscriber, thereby eliminating the delays which accompany DTMF signal processing. Communications...

Claims:

...call, the method comprising the steps of:
storing a record which identifies preselected information to be provided to the subscriber;
responding to a subscriber identifier which uniquely identifies the subscriber to automatically retrieve the record corresponding to the subscriber, said subscriber identifier being received during call setup of said information services request telephone call...

...different types of information to a subscriber (100) in response to an information services request telephone call placed by the subscriber (100) through a telecommunications network (104), the method comprising the

step of:storing a record in accordance with a subscriber's personal preference that identifies pre-selected types of information to be provided to the subscriber; and characterized by the steps of:establishing, in the telecommunications network, the identity of the subscriber who initiated an information services request telephone call by dialing a telephone number uniquely assigned to the subscriber, the identity of the subscriber determined from the subscriber's unique telephone number;correlating the identity of the subscriber, as established from the subscriber's unique telephone number, with a corresponding stored record (202) to establish the personal preference of the subscriber initiating the information services request telephone call before completing set up of the call initiated by the subscriber to the information services system; and completing set up of the call initiated by the subscriber to the information services system (106) after the subscriber's personal preference has been established to enable the subscriber to receive information in accordance with the subscriber's personal preference...that provides different types of information to a subscriber in response to an information services request telephone call placed by the subscriber through a telecommunications network, the method comprising the steps of:storing a record in accordance with a subscriber's personal preference that identifies preselected types of information to be provided to the subscriber;establishing, in the telecommunications network, the identity of the subscriber who initiated an information services request telephone call by dialing a telephone number uniquely assigned to the subscriber, the identity of the subscriber determined from the subscriber's unique telephone number;correlating the identity of the subscriber, as established from the subscriber's unique telephone number, to a corresponding stored record to establish the personal preference of the subscriber initiating the information services request telephone call prior to completing set up of the call initiated by the subscriber to the information services system; andcompleting set up of the call initiated by the subscriber to the information services system after the subscriber's personal preference has been established to enable the subscriber to receive information in accordance with the subscriber's personal preference.

11/3,K/99 (Item 99 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0007167409 - Drawing available
 WPI ACC NO: 1995-207043/199527
 Related WPI Acc No: 1994-058526; 1995-207138; 1996-393537; 1996-425551;
 1995-207044; 1994-058527
 XRPX Acc No: N1995-162196
 Mobile frequency-hopped spread spectrum transmitter location system -
 transmits unique identifier on carrier signal for reception at two
 base stations and directional triangulation at control station
 Patent Assignee: NEXUS 1994 LTD (NEXU-N)
 Inventor: HAREL H; MEIMAN Y; PELEG S; YOKEV H; YOKEY H
 Patent Family (10 patents, 24 countries)
 Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1995014935	A1	19950601	WO 19941B371	A	19941122	199527 B
US 5430759	A	19950704	US 1992932610	A	19920820	199532 E
			US 1992961776	A	19921015	
			US 1993158441	A	19931124	
AU 199481139	A	19950613	AU 199481139	A	19941122	199539 E
AU 199481140	A	19950613	AU 199481140	A	19941122	199539 E
US 5499266	A	19960312	US 1992932610	A	19920820	199616 E
			US 1992961776	A	19921015	
			US 1993158441	A	19931124	
			US 1994362794	A	19941222	
US 5519718	A	19960521	US 1992932610	A	19920820	199626 E
			US 1992961776	A	19921015	
			US 1993158441	A	19931124	
			US 1994363288	A	19941222	
US 5546422	A	19960813	US 1992932610	A	19920820	199638 E
			US 1992961776	A	19921015	
			US 1993158441	A	19931124	
			US 1994362114	A	19941222	
US 5583517	A	19961210	US 1992932610	A	19920820	199704 E
			US 1992961776	A	19921015	
			US 1993158441	A	19931124	
			US 1994329523	A	19941026	
SG 45367	A1	19980116	SG 19964946	A	19941122	199812 E
US 5870426	A	19990209	US 1992932610	A	19920820	199913 E
			US 1992961776	A	19921015	
			US 1993158441	A	19931124	
			US 1994362246	A	19941222	

Priority Applications (no., kind, date): US 1992932610 A 19920820; US 1992961776 A 19921015; US 1993158441 A 19931124; US 1994329523 A 19941026; US 1994362114 A 19941222; US 1994362246 A 19941222; US 1994362794 A 19941222; US 1994363288 A 19941222

Patent Details

Number	Kind	Lang	Pg	Dwg	Filing	Notes
WO 1995014935	A1	EN	51	10		
National Designated States, Original: AU BR CA CN JP KR						
Regional Designated States, Original: AT BE CH DE DK ES FR GB GR IE IT LU						
MC NL PT SE						
US 5430759	A	EN	37	20	C-I-P of application	US 1992932610
					C-I-P of application	US 1992961776
					C-I-P of patent	US 5335246
AU 199481139	A	EN			Based on OPI patent	WO 1995015064
AU 199481140	A	EN			Based on OPI patent	WO 1995014935
US 5499266	A	EN	36	20	C-I-P of application	US 1992932610
					C-I-P of application	US 1992961776
					Division of application	US 1993158441
					C-I-P of patent	US 5335246
					Division of patent	US 5430759
US 5519718	A	EN	37		C-I-P of application	US 1992932610
					C-I-P of application	US 1992961776
					Division of application	US 1993158441
					C-I-P of patent	US 5335246

US 5546422	A	EN	36	20	Division of patent US 5430759 C-I-P of application US 1992932610 C-I-P of application US 1992961776 Division of application US 1993158441
US 5583517	A	EN	22	10	C-I-P of patent US 5335246 Division of patent US 5430759 C-I-P of application US 1992932610 C-I-P of application US 1992961776 C-I-P of application US 1993158441 C-I-P of patent US 5335246 C-I-P of patent US 5430759
SG 45367	A1	EN			
US 5870426	A	EN			C-I-P of application US 1992932610 C-I-P of application US 1992961776 Division of application US 1993158441
					C-I-P of patent US 5335246 Division of patent US 5430759

...transmits unique identifier on carrier signal for reception at two base stations and directional triangulation at control station

Alerting Abstract ...The system has a mobile transmitter with a unique identifier which is transmitted via a frequency-hopped spread spectrum carrier signal. Two base stations each have an array of irregularly spaced dipole antennas capable of...

Equivalent Alerting Abstract ...telephone call with a paging message. A paging antenna is connected to the local paging terminal for transmission of the paging message corresponding to a unique address. A number of bidirectional pagers are divided into groups, each pager corresponding to an unique address and having a transmitter for transmitting an acknowledgement signal on a...

...ADVANTAGE - Assures caller that message is received. Fits within existing paging network infrastructure. Low cost mfr. Low power consumption. Operates over long distance. Enables large number of units within same geographic area. Reduced decoding error.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

An acknowledgement paging system is described which fits within the existing infrastructure of a paging network and which provides low cost manufacture and low power operation while still enabling the acknowledgement paging over long distances. The acknowledgement paging system consists of a standard paging transmitter...

...An acknowledgement paging system is described which fits within the existing infrastructure of a paging network and which provides low cost manufacture and low power operation while still enabling the acknowledgement paging over long distances. The acknowledgement paging system consists of a standard paging transmitter and a plurality of remote

...

...phase shift keying communications. The plurality of pagers are assigned to groups with each group being assigned a separate starting location in a common, repeating ~~pseudo-random noise code~~ which determines the frequency hops. The grouping of pagers minimizes the collisions of acknowledgment transmissions between groups and the enables a large number of paging...

...An acknowledgement paging system is described which fits within the existing infrastructure of a paging ~~network~~ and which provides low cost manufacture and low power operation while still enabling the acknowledgement paging over long distances. The acknowledgement paging system consists of a standard paging transmitter and a plurality of remote paging units which respond to...

...An acknowledgement paging system is described which fits within the existing infrastructure of a paging ~~network~~ and which provides low cost manufacture and low power operation while still enabling the acknowledgement paging over long ~~distances~~. The acknowledgement paging system consists of a standard paging transmitter ...communications. The plurality of pagers are assigned to groups with each group being assigned a separate starting location in a common, repeating ~~pseudo-random noise code~~ which determines the frequency hops. The grouping of pagers minimizes the collisions of acknowledgment transmissions between groups and the enables a large number of paging...

...mobile vehicle or personal location system is described which provides low cost manufacture and low power operation while still enabling the accurate location of the ~~mobile unit~~ over long distances and in moderate to severe multi-path conditions. The frequency-hopped spread spectrum mobile vehicle or personal location system ~~consists of~~ a central station, a plurality of base stations and a plurality of mobile transmitters which transmit using a frequency-hopped spread-spectrum differential bi-phase...

...An acknowledgment paging system is described which fits within the existing infrastructure of a paging ~~network~~ and which provides low cost manufacture and low power operation while still enabling the acknowledgement paging over long distances. The acknowledgment paging system consists of a standard paging ~~transmitter~~ and a plurality of remote paging units which respond to a page using frequency-hopped spread-spectrum differential bi-phase shift keying communications. The plurality...

...a common, repeating pseudo-random noise code which determines the frequency hops. The grouping of pagers minimizes the collisions of acknowledgment transmissions between groups and ~~the~~ enables a large ~~number~~ of paging units to operate within a single geographic area...

...mobile vehicle or personal location system is described which provides low cost manufacture and low power operation while still enabling the accurate location of the ~~mobile unit~~ over long distances and inmoderate to severe mutli-path conditions. The frequency-hopped spread spectrum mobile vehicle or personal location system consists of a cenral station, a plurality of base stations and a ~~plurality~~ of mobile transmitters which transmit using a frequency-hopped spread-spectrum differential bi-phase shift keying communication signal. Frequency Shift

Keying modulation may also be...

Claims:

...What is claimed is: A mobile transmitter location system, comprising: a mobile transmitter having a unique identifier, and having a transmitter for sending a frequency-hopped spread spectrum carrier signal containing the unique identifier; a first base station having an array of irregularly spaced dipole antennas operable for receiving the frequency-hopped spread spectrum carrier signal and capable of determining a first direction of origin of the frequency-hopped spread spectrum carrier signal; a second base station also having an array of irregularly spaced dipole antennas operable for receiving the frequency-hopped spread spectrum carrier signal and capable of determining a second direction of origin of t...

11/3,K/100 (Item 100 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007117135 - Drawing available

WPI ACC NO: 1995-147144/199519

Related WPI Acc No: 1995-075394; 1995-344290; 1996-443513; 1998-145938;
2001-579783

XRPX Acc No: N1995-115562

Data messaging in communication network - has platform coupled to cellular telephone network to receive and store data messages transmitted by messaging units for access by host

Patent Assignee: HIGHWAYMASTER COMMUNICATIONS INC (HIGH-N); HM HOLDING CORP (HMHO-N); MINORPLANET SYSTEMS USA INC (MINO-N); TRACK COMMUNICATIONS INC (TRAC-N)

Inventor: HAMMER K W; KENNEDY W C; WESTERLACE K R; WESTERLAGE K R

Patent Family (14 patents, 56 countries)

Patent		Application					
Number		Kind	Date	Number	Kind	Date	Update
WO 1995003665	A1	19950202	WO 1994US8346	A	19940720	199519	B
AU 199473393	A	19950220	AU 199473393	A	19940720	199521	E
EP 710417	A1	19960508	EP 1994923566	A	19940720	199623	E
			WO 1994US8346	A	19940720		
US 5539810	A	19960723	US 1992826521	A	19920127	199635	E
			US 199395166	A	19930720		
			US 1993175256	A	19931228		
US 5544225	A	19960806	US 1992826521	A	19920127	199637	E
			US 199395166	A	19930720		
			US 1993175256	A	19931228		
			US 1995465525	A	19950605		
BR 199407513	A	19970107	BR 19947513	A	19940720	199708	E
			WO 1994US8346	A	19940720		
US 5771455	A	19980623	US 1992826521	A	19920127	199832	E
			US 199395166	A	19930720		
			US 1993175256	A	19931228		
			US 1995573135	A	19951215		
JP 10506240	W	19980616	WO 1994US8346	A	19940720	199834	E
			JP 1995505365	A	19940720		
AU 694442	B	19980723	AU 199473393	A	19940720	199841	E
US 6240295	B1	20010529	US 199395166	A	19930720	200132	E
			US 1993175256	A	19931228		

				US 1995573135	A	19951215	
				US 199892620	A	19980605	
CA 2167175	C	20031028	CA 2167175	A	19940720	200373	E
			WO 1994US8346	A	19940720		
MX 199901394	A1	20040901	MX 19991394	A	19990209	200553	E
MX 224234	B	20041117	MX 19945558	A	19940720	200558	E
MX 232847	B	20051213	MX 19941394	A	19940720	200643	E

Priority Applications (no., kind, date): US 1992826521 A 19920127; US 199395166 A 19930720; US 1993175256 A 19931228; US 1995465525 A 19950605; US 1995573135 A 19951215; US 199892620 A 19980605

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1995003665	A1	EN	38	3		

National Designated States,Original: AU BB BG BR BY CA CN CZ FI GE HU JP KE KG KP KR KZ LK LT LV MD MG MN MW NO NZ PL RO RU SD SI SK TJ TT UA UZ VN

Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE

AU 199473393	A	EN			Based on OPI patent	WO 1995003665
EP 710417	A1	EN	38	3	PCT Application	WO 1994US8346
					Based on OPI patent	WO 1995003665

Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

US 5539810	A	EN	23	11	C-I-P of application	US 1992826521
					C-I-P of application	US 199395166
US 5544225	A	EN	24	11	C-I-P of application	US 1992826521
					C-I-P of application	US 199395166
					Continuation of application	US

1993175256						
BR 199407513	A	PT			PCT Application	WO 1994US8346
					Based on OPI patent	WO 1995003665
US 5771455	A	EN			C-I-P of application	US 1992826521
					C-I-P of application	US 199395166
					Continuation of application	US

1993175256						
JP 10506240	W	JA	36		Continuation of patent	US 5539810
					PCT Application	WO 1994US8346
					Based on OPI patent	WO 1995003665
AU 694442	B	EN			Previously issued patent	AU 9473393

					Based on OPI patent	WO 1995003665
US 6240295	B1	EN			C-I-P of application	US 199395166
					Continuation of application	US

1993175256					Continuation of application	US
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1995573135						
					Continuation of patent	US 5539810
					Continuation of patent	US 5771455
CA 2167175	C	EN			PCT Application	WO 1994US8346
					Based on OPI patent	WO 1995003665

Data messaging in communication network - ...

...has platform coupled to cellular telephone network to

receive and store data messages transmitted by messaging units for access by host

Original Titles:

...DATA MESSAGING IN A COMMUNICATIONS NETWORK

...

...Data messaging in a communications network.

...

...Data messaging in a cellular communications network.

...

...Data messaging in a communications network using a feature request

...

...Data messaging in a communications network using a feature request

...

...DATA MESSAGING IN A COMMUNICATIONS NETWORK

Alerting Abstract ...The data messaging unit (16) equipped with a cellular transceiver (38) is attached to a truck trailer (12) located within a communications network (10). The messaging unit generates a data message in response to the occurrence of a reporting event, which is transmitted by the transceiver over the network via voice or data channels. A mobile telecommunications switching office (20), coupled to the cellular network, receives the data message and routes it directly to a platform (24) or through a clearing house (22). The stored data message is accessed by...

...Preferably, a data message may be sent over a network voice channel subject to a handshake protocol between the messaging unit and the platform. Data messages may also be sent over a data channel of the network by altering the mobile identification number or electronic serial number of the cellular transceiver, or by issuing a feature request with appended data digits...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A messaging unit (16) equipped with a cellular transceiver (38) is attached to a truck trailer (12) located within a communications network (10). The messaging unit (16) generates a data message in response to the occurrence of a reporting event. Upon generation of a data message, the cellular transceiver (38) transmits the data message over the network (10) via voice or data channels. The data message is received at an MTSO (20) and then routed to a platform (24), a clearinghouse (22), or the platform (24)...

...the platform (24) or the clearinghouse (22) is accessed by a host (26). A data message may be sent over a voice channel of the network (10)

subject to a handshake protocol between the messaging unit (16) and the platform (24). Data messages may also be sent over a data channel of the network (10) by altering the mobile identification number (MIN) or electronic serial number (ESN) of the cellular transceiver (38). Furthermore, data messages may be sent over a data channel of the network (10) by issuing a feature request with appended data digits...

...A messaging unit (16) equipped with a cellular transceiver (38) is attached to a truck trailer (12) located within a communications network (10). The messaging unit (16) generates a data message in response to the occurrence of a reporting event. Upon generation of a data message, the cellular transceiver (38) transmits the data message over the network (10) via voice or data channels. The data message is received at an MTSO (20) and then routed to a platform (24), a clearinghouse (22), or the platform (24) through the clearinghouse (22). The...

...the platform (24) or the clearinghouse (22) is accessed by a host (26). A data message may be sent over a voice channel of the network (10) subject to a handshake protocol between the messaging unit (16) and the platform (24). Data messages may also be sent over a data channel of the network (10) by altering the mobile identification number (MIN) or electronic serial number (ESN) of the cellular transceiver (38). Furthermore, data messages may be sent over a data channel of the network (10) by issuing a feature request with appended data digits...

...A messaging unit (16) equipped with a cellular transceiver (38) is attached to a truck trailer (12) located within a communications network (10). The messaging unit (16) generates a data message in response to the occurrence of a reporting event. Upon generation of a data message, the cellular transceiver (38) transmits the data message over the network (10) via voice or data channels. The data message is received at an MTSO (20) and then routed to a platform (24), a clearinghouse (22), or the platform (24) through the clearinghouse (22). The data message stored at the platform (24) or the clearinghouse (22) is accessed by a host (26). A data message may be sent over a voice channel of the network (10) subject to a handshake protocol between the messaging unit (16) and the platform (24). Data messages may also be sent over a data channel of the network (10) by altering the mobile identification number (MIN) or electronic serial number (ESN) of the cellular transceiver (38). Furthermore, data messages may be sent over a data channel of the network (10) by issuing a feature request with appended data digits.
...

...A messaging unit (16) equipped with a cellular transceiver (38) is attached to a mobile item (12) located within a communications network (10). The messaging unit (16) issues a feature request having data digits that represent information on the mobile item (12). The cellular transceiver (38) transmits the feature request using the network (10). The feature request is received at an MTSO (20) and then routed to a platform (24), a clearinghouse (22), or the platform (24) through the clearinghouse (22). The data digits are translated into information on the mobile item (12) and stored at the...

...A messaging unit (16) equipped with a cellular transceiver (38) is attached to a mobile item (12) located within a communications network (10). The messaging unit (16) issues a feature request having data digits that represent information on the mobile item (12). The cellular transceiver (38) transmits the feature request using the network (10). The feature request is received at an MTSO (20) and then routed to a platform (24), a clearinghouse (22), or the platform (24) through the clearinghouse (22). The data digits are translated into information on the mobile item (12) and stored at the platform (24) or the clearinghouse (22) for access by a host (26)...

...A messaging unit (16) equipped with a cellular transceiver (38) is attached to a truck trailer (12) located within a communications network (10). The messaging unit (16) generates a data message in response to the occurrence of a reporting event. Upon generation of a data message, the cellular transceiver (38) transmits the data message over the network (10) via voice or data channels. The data message is received at an MTSO (20) and then routed to a platform (24), a clearinghouse (22), or the platform (24) through the clearinghouse (22). The data message stored at the platform (24) or the clearinghouse (22) is accessed by a host (26). A data message may be sent over a voice channel of the network (10) subject to a handshake protocol between the messaging unit (16) and the platform (24). Data messages may also be sent over a data channel of the network (10) by altering the mobile identification number (MIN) or electronic serial number (ESN) of the cellular transceiver (38). Furthermore, data messages may be sent over a data channel of the network (10) by issuing a feature request with appended data digits.

Claims:

The data messaging unit (16) equipped with a cellular transceiver (38) is attached to a truck trailer (12) located within a communications network (10). The messaging unit generates a data message in response to the occurrence of a reporting event, which is transmitted by the transceiver over the network via voice or data channels. A mobile telecommunications switching office (20), coupled to the cellular network, receives the data message and routes it directly to a platform (24) or through a clearing house (22). The stored data message is accessed by...

...Preferably, a data message may be sent over a network voice channel subject to a handshake protocol between the messaging unit and the platform. Data messages may also be sent over a data channel of the network by altering the mobile identification number or electronic serial number of the cellular transceiver, or by issuing a feature request with appended data digits...

...What is claimed is: A system for communicating location or status information of a monitored mobile item using a cellular telephone network, comprising: a messaging unit operable to obtain location or status information of the monitored mobile item, each messaging unit further comprising a cellular transceiver operable to transmit, using the cellular telephone network, an altered identifier of the cellular

transceiver to reflect the location or status information of the monitored mobile item; and</br>a platform coupled to the cellular telephone network and operable to receive the altered identifier transmitted by the messaging unit, the platform further operable to recognize the altered identifier to obtain the location or status information of the monitored mobile item...

...What is claimed is:A system for communicating location or status information of a mobile item to be monitored using a cellular telephone network, comprising:</br>a messaging unit coupled to the mobile item, the messaging unit having a cellular transceiver coupled to the cellular telephone network, the messaging unit operable to alter an identifier of the cellular transceiver to reflect the location or status information of the mobile item and to transmit the altered identifier of the cellular transceiver; and</br>a platform coupled to the cellular telephone network and operable to recognize a received altered identifier transmitted by the messaging unit to obtain the location or status information of the mobile item.

A method for data messaging using a cellular telephone network by issuing a feature request, comprising:obtaining information on the status of a mobile item;generating a feature request having a feature request identification code and data digits that represent information on the mobile item;communicating the feature request using the cellular telephone network; andreceiving the feature request at a platform operating as an end user of the cellular telephone network.

A messaging unit for data messaging using a cellular telephone network by issuing a feature request, comprising:a sensor operable to generate information;a processor coupled to the sensor and operable to receive information generated by the sensor, the processor further operable to generate a feature request having data digits that represent information generated by the sensor; anda cellular transceiver operable to communicate the feature request using the cellular telephone network without opening a voice channel.

11/3,K/101 (Item 101 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007104397 - Drawing available
WPI ACC NO: 1995-132993/199518
XRPX Acc No: NI995-104675

Call connection method for integrated voice and data system - conveying call information by LAN between cell stations connected via radio to respective personal stations

Patent Assignee: IBM CORP (IBM); INT BUSINESS MACHINES CORP (IBM)
Inventor: KANADA Y; KANEDA Y; KASUYA M; KATO Y; KATO H; TERASHITA Y
Patent Family (7 patents, 5 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
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EP 647077	A2	19950405	EP 1994307097	A	19940928	199518	B
CA 2133245	A	19950331	CA 2133245	A	19940929	199526	E
JP 7131842	A	19950519	JP 1993244580	A	19930930	199529	E
US 5473669	A	19951205	US 1994291221	A	19940816	199603	E
CA 2133245	C	19980428	CA 2133245	A	19940929	199828	E
EP 647077	B1	20011121	EP 1994307097	A	19940928	200176	E
DE 69429149	E	20020103	DE 69429149	A	19940928	200210	E
			EP 1994307097	A	19940928		

Priority Applications (no., kind, date): JP 1993244580 A 19930930; EP 1994307097 A 19940928

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 647077	A2	EN	14	8		

Regional Designated States, Original: DE FR GB

CA 2133245	A	EN				
JP 7131842	A	JA	10	8		
US 5473669	A	EN	13	7		
CA 2133245	C	EN				
EP 647077	B1	EN				

Regional Designated States, Original: DE FR GB

DE 69429149	E	DE			Application EP 1994307097	
					Based on OPI patent EP 647077	

Alerting Abstract ...LAN and PBX telephone networks also has a number of personal stations (PS) which are movable among the cells. Each CS registers the LAN identifier of a PS moving into...

...When the PS transmits calling information to its CS it includes the assigned PBX number and the LAN identifier of a second PS. The CS broadcasts this information to the other CS's via the LAN. The CS to which the called PS is...

...ADVANTAGE - Enables use of cordless phones. Performs automatic reconnection of radio links to PSs moving between cells.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

In order to enable the reception of signals on a moving personal station PS within an IVD (Integrated Voice and Data) system network which comprises the available PBX and LAN, a first all station CS registers the LAN identifier of a first PS in accordance with the first PS that is present within its own radio cell, and assigns a PBX telephone number to the first PS. Subsequently, a calling information which includes a LAN identifier for a second PS and the PBX telephone number assigned to the first PS is broadcast via a LAN. Thereafter, a second CS which registers the LAN identifier of the second PS receives the calling information via a LAN and transfers the information of the second mobile station via radio link. The second PS then dials the...

...A system and method enables the reception of signals on a moving Personal Station (PS) within an Integrated Voice and Data (IVD) system which integrates sound and data, and comprises an available PBX and LAN. A first Cell Station (CS) registers the LAN identifier of a first PS that is positioned within its own radio cell, and assigns a PBX telephone number to the first PS. Subsequently, calling information which includes a LAN identifier for a second PS and the PBX telephone number assigned to the first PS is broadcast via a LAN. Thereafter, a second CS which registers the LAN identifier of the second PS receives the calling information via a LAN and transfers the information of the second PS, or mobile station, via radio link. The second PS then dials the PBX telephone number...

Claims:

...a mobile Integrated Voice and Data (IVD) system, said system having a plurality of Cell Stations (CS's) interconnected through both LAN and PBX telephone networks and a plurality of Personal Stations (PS's) movable among a plurality of radio cells, said PS's being capable of communicating with a CS which manages the PS's through radio links, each of said PS's having a particular LAN identifier, each of said CS's managing a plurality of PBX telephone numbers, having a particular radio cell which defines a territory being capable of communicating through radio links, registering the LAN identifiers of said plurality of PS's which are in its territory, and assigning one of said PBX telephone numbers to each of them respectively, said method including the step of: (a) in response to a first PS moving into a territory of a first CS, registering said first PS's LAN identifier and assigning a PBX number to said first PS by said first CS; (b) sending calling information including a second PS's LAN identifier and said first PS's newly assigning PBX telephone number to said first PS via radio links by said first PS; (c) broadcasting said calling information from said first CS to all the other CS's via...

...method for controlling a mobile Integrated Voice and Data (IVD) system, said system having a plurality of Cell Stations (CS's) interconnected through PBX telephone networks and a plurality of Personal Stations (PS's) movable among a plurality of radio cells, said PS's being capable of communicating with a CS...

...PBX telephone numbers, having a particular radio cell which defines a territory being capable of communicating through radio links, and assigning one of said PBX telephone numbers to each of the PS's respectively, characterized in that the system has: a plurality of Cell Stations (CS's) interconnected through a LAN, each of said PS's having a particular LAN identifier, and registering the LAN identifiers of said plurality of PS's which are in its territory, and in that said method comprises the step of: (a) in response to a first PS moving into a territory of a first CS, registering said first PS's LAN identifier and assigning a PBX number to said first PS by said first CS; (b) sending calling information including a second PS's LAN identifier and said first PS's newly assigning PBX telephone number to said first PS by said first CS via radio links by said first PS; (c) broadcasting said calling information from said first CS to all the other CS's via said LAN by said first CS; (d) in response to a second CS which registers said second PS receiving said calling information, sending it to said second PS via radio links by said second CS; (e) dialling the PBX telephone numbers

stored in said calling information by said second PS; and(f) calling said first PS via a PBX link in response to dialling step (e) and establishing a PBX telephone link between said...

...A mobile Integrated Voice and Data (IVD) system, comprising: a LAN and a PBX telephone network; a plurality of Cell Stations (CSs) interconnected through both said LAN and said PBX telephone networks, each CS having a radio cell defined as the territory in which it is capable of radio communication; a plurality of Personal Stations (PSs) movable...

...cells, said PSs being capable of communicating with a CS which manages said PSs through radio links, each of said PSs having a particular LAN identifier, each of said CSs managing a plurality of PBX telephone numbers, each CS registering the LAN identifiers of said plurality of PSs which are positioned in its territory, and assigning one of said PBX telephone numbers to each PS respectively, said system further comprising: (a) in response to a first PS moving into a territory of a first CS, means for registering said first PS's LAN identifier and assigning a PBX number to said first PS by said first CS; (b) means for sending calling information including a second PS's LAN identifier and said first PSs newly assigned PBX telephone number to said first CS via radio links by said first PS; (c) means for broadcasting said calling information from said first CS to all the other CSs via said LAN by said first CS; (d) in response to a second CS which registers said second PS, means for receiving said calling information, and resending it to said second PS via radio links by said second CS; (e) means for dialing the PBX telephone numbers stored in said calling information by said second PS; and (f) means for calling said first PS via a PBX link in response to dialing step (e) and connecting a PBX telephone link between said first and second PSs.

11/3,K/102 (Item 102 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007069263 - Drawing available
WPI ACC NO: 1995-092613/199513
XRPX Acc No: N1995-073237
Async. transfer mode local area network - uses control cells transmitted between calling and called stations for establishing bidirectional connection
Patent Assignee: PHILIPS ELECTRONICS NV (PHIG); PHILIPS PATENTVERWALTUNG GMBH (PHIG); US PHILIPS CORP (PHIG)
Inventor: DU Y
Patent Family (5 patents, 7 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
EP 641105	A2	19950301	EP 1994202455	A	19940829	199513	B
DE 4329048	A1	19950302	DE 4329048	A	19930828	199514	E
JP 7154407	A	19950616	JP 1994203670	A	19940829	199533	E
EP 641105	A3	19950802	EP 1994202455	A	19940829	199613	E
US 5600795	A	19970204	US 1994297210	A	19940829	199711	NCE

Priority Applications (no., kind, date): DE 4329048 A 19930828; US 1994297210 A 19940829

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 641105	A2	DE	20	3		
Regional Designated States, Original: DE FR GB IT SE						
DE 4329048	A1	DE	14	3		
JP 7154407	A	JA	13			
EP 641105	A3	EN				
US 5600795	A	EN	13	3		

Async. transfer mode local area network -

Original Titles:

...ATM local area network
...

...LOCAL NETWORK
...

...Local network operating in asynchronous transfer mode (ATM) generating control cell containing information about the user, address of the station, and user-related identification.

Alerting Abstract ...The network has a number of stations (1, ...4) coupled to transmission/reception ring terminals, via respective interfaces (5, ...8), each containing a coupling device and a...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The invention relates to an ATM local network with a plurality of stations (1 to 4) which are in each case coupled with transceiver ring connections (17, 20) via a network interface (5 to 8) containing a coupling device (12) and a control arrangement (25) and which are provided for the transmission of user cells containing user...

...receiving station and which contains in its information field at least information on the users, the address of the transmitting station and a user-specific identifier for a return connection. Having received a control cell supplied by the transmitting station and containing an executable connection request of a user of the receiving...

...the transmitting station and which contains in its information field at least information on the address of the assigned receiving station and a user-specific identifier for the forward connection...

...The invention relates to a local network operating in the asynchronous transfer mode (ATM), comprising a plurality of stations which are coupled, via network interfaces comprising a coupling device and a control arrangement, to sending and receiving ring lines and which are provided for transmitting user cells containing user-oriented information and...

...receiver station has been received, which control cell contains in its information field at least an indication about the address of the assigned receiver station and a user-related identification for the up-channel.

Claims:

...A local network operating in the asynchronous transfer mode (ATM), comprising: a plurality of stations, said stations including means for transmitting user cells containing user-oriented information and control cells containing signalling information; and a plurality of network interfaces, each including a coupling device and a control arrangement, said plurality of network interfaces for coupling said plurality of stations to sending and receiving lines, wherein a control arrangement assigned to a transmitter station includes means for generating a control cell to be transmitted to a receiver station after a control cell containing a realisable request for a single (unicast) or a multiple (multicast) connection between a user of the transmitter station and a...

11/3,K/103 (Item 103 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007069186 - Drawing available

WPI ACC NO: 1995-092516/199513

XRPX Acc No: N1995-073143

Personalised image recording appts. for use in predefined area e.g. amusement park - has guest identified by unique tags and cameras located throughout park such that recordings are made and collected over network for guests to have

Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); AT & T BELL LAB (AMTT); AT & T CORP (AMTT); LUCENT TECHNOLOGIES INC (LUCE)

Inventor: EVANS J G; JANOW R H; SINGER H M; STAHS L B; STRAHS L B

Patent Family (11 patents, 8 countries)

		Application					
Patent Number	Kind	Date	Number	Kind	Date	Update	
EP 640938	A2	19950301	EP 1994306044	A	19940817	199513	B
CA 2127765	A	19950225	CA 2127765	A	19940711	199521	E
JP 7193646	A	19950728	JP 1994198857	A	19940824	199539	E
CN 1109179	A	19950927	CN 1994115773	A	19940823	199734	E
US 5694514	A	19971202	US 1993111327	A	19930824	199803	E
			US 1996606255	A	19960223		
US 5946444	A	19990831	US 1993111327	A	19930824	199942	E
			US 1996606255	A	19960223		
			US 1997893047	A	19970714		
MX 191062	B	19990125	MX 19946342	A	19940819	200051	E
CA 2127765	C	20001212	CA 2127765	A	19940711	200103	E
EP 640938	B1	20021009	EP 1994306044	A	19940817	200274	E
DE 69431507	E	20021114	DE 69431507	A	19940817	200282	E
			EP 1994306044	A	19940817		
JP 3476553	B2	20031210	JP 1994198857	A	19940824	200382	E

Priority Applications (no., kind, date): US 1993111327 A 19930824; EP 1994306044 A 19940817; US 1996606255 A 19960223; US 1997893047 A 19970714

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 640938	A2	EN	10	5	
Regional Designated States, Original: DE ES FR GB					
CA 2127765	A	EN			
JP 7193646	A	JA	10		
US 5694514	A	EN	10	5	Continuation of application US 1993111327
US 5946444	A	EN			Continuation of application US 1993111327
1996606255					Continuation of patent US 5694514
CA 2127765	C	EN			
EP 640938	B1	EN			
Regional Designated States, Original: DE ES FR GB					
DE 69431507	E	DE			Application EP 1994306044
					Based on OPI patent EP 640938
JP 3476553	B2	JA	10		Previously issued patent JP 07193646

...has guest identified by unique tags and cameras located throughout park such that recordings are made and collected over **network** for guests to have

Original Titles:

...System and method for creating personalized image collections from multiple locations by using a communication **network**.

...

...System and method for creating personalized image collections from multiple locations by using a communications **network**.

Alerting Abstract ...The appts. includes a series of cameras and **unique guest identification**. Guests can be identified by unique tags that can be read from a distance. A set of cameras are located throughout the park at points...

...The recorded images are transported by a communication **network** to image recording devices. The images can be combined with prerecorded images of the park. The guest can subsequently obtain still or video record of...

Title Terms.../Index Terms/Additional Words: **NETWORK**

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...assigned to the individual, b) automatically records the images of the individuals while they are at various attractions, c) collects the images over a communications **network**, d) arranges the **images** in a collection, and e) presents a personal set of collected images to the guest. In one embodiment of the invention, cameras are located throughout an amusement park. Each guest is associated with a unique **identifier**.

This identifier may be contained within a readable tag, e.g., a card, badge or pendant. Tag readers identify guest when they are at a particular location and provide identification and location information to a control system. A communications network is used to interconnect the cameras, tag readers, control system and image recording devices. The control system controls the recording and storage of the appropriate image(s) associated with...

...assigned to the individual, b) automatically records the images of the individuals while they are at various attractions, c) collects the images over a communications network, d) arranges the images in a collection, and e) presents a personal set of collected images to the guest. For example, cameras may be located throughout an amusement park. Each guest is associated with a unique identifier. This identifier may be contained within a readable tag, e.g., a card, badge or pendant. Tag readers identify guest when they are at a particular location and provide identification and location information to a control system. A communications network is used to interconnect the cameras, tag readers, control system and image recording devices. The control system controls the recording and storage of the appropriate image(s) associated with that guest. The images of...

...assigned to the individual, b) automatically records the images of the individuals while they are at various attractions, c) collects the images over a communications network, d) arranges the images in a collection, and e) presents a personal set of collected images to the guest. In one embodiment of the invention, cameras are located throughout an amusement park. Each guest is associated with a unique identifier. This identifier may be contained within a readable tag, e.g., a card, badge or pendant. Tag readers identify guest when they are at a particular location and provide identification and location information to a control system. A communications network is used to interconnect the cameras, tag readers, control system and image recording devices. The control system controls the recording and storage of the appropriate image(s) associated with that guest. In accordance with an aspect of the invention...

Claims:

...one of said cameras for supplying information as to the location of each guest in said predefined area that has a unique tag;
a communications network for transporting at least images captured by said cameras;
an image storage system for storing images captured by said cameras that is responsive to information supplied from said tag readers to produce for each guest a personal image collection reflecting his visit to the predefined area...

...supplying information as to locations of guests who want their images captured in said predefined area, each guest having a unique identifying tag; a communications network (105) for transporting at least images captured by said cameras (115); and an image storage system (123) for storing images captured by said cameras (115) that is responsive to information supplied from said tag readers (113) to produce for each guest a personal image collection reflecting his visit to the predefined area...

...balises (113), chaque lecteur de balise (113) etant associe a au moins l'une desdites cameras (115) pour fournir des informations sur les emplacements de clients qui desirent que leurs images soient

capturees dans ladite zone predefinie, chaque client ayant une balise d'identification unique;

un reseau de communications (105) pour transporter au moins des images capturees par lesdites cameras (115);

un systeme de memorisation d'images (123) pour memoriser des images capturees par lesdites cameras (115) qui ~~repond~~ aux informations fournies par lesdits lecteurs de balises (113) pour produire pour chaque client une collection d'images personnelles representant sa visite dans la zone predefinie...

...An apparatus for use in image collection at a plurality of geographically diverse locations comprising: a plurality of image capture means...

...one of said guests is presently to be found within said detection range at the one of the plurality of geographically diverse locations; a communications network through which said plurality of image capture means and said plurality of detecting means communicate to control means, the control means being responsive to each indication generated by any of said plurality of detecting means for operating said communications network and said plurality of image capture means in such a way that

(i) images from each of said at least one image capture means associated with each of said plurality of detecting means generating an indication are recorded, and (ii) said recorded images are segregable by the identity of each of said identifiable guests.

11/3,K/104 (Item 104 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0007042190 - Drawing available
 WPI ACC NO: 1995-061185/199508
 XRPX Acc No: N1995-048627

Subscriber unit to authenticate communications in real time - uses encryption process with packetised message encryption key and unique packet number as encryption variables

Patent Assignee: MOTOROLA INC (MOTI)
 Inventor: BROWN D P; FINKELSTEIN L D; SMOLINSKE J C
 Patent Family (9 patents, 22 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
WO 1995001684	A1	19950112	WO 1994US5726	A	19940423	199508 B
FI 199500714	A	19950217	WO 1994US5726	A	19940423	199520 E
			FI 1995714	A	19950217	
EP 663124	A1	19950719	EP 1994919195	A	19940423	199533 E
			WO 1994US5726	A	19940423	
US 5455863	A	19951003	US 199384664	A	19930629	199545 E
JP 8500950	W	19960130	WO 1994US5726	A	19940423	199642 E
			JP 1995503476	A	19940423	
US 5689563	A	19971118	US 199384664	A	19930629	199801 E
			US 1995457212	A	19950601	
CA 2141318	C	19981229	CA 2141318	A	19940423	199911 E
KR 181566	B1	19990515	WO 1994US5726	A	19940423	200053 E
			KR 1995700812	A	19950228	
MX 204360	B	20010926	MX 19944953	A	19940629	200246 E

Priority Applications (no., kind, date): US 199384664 A 19930629; US
1995457212 A 19950601

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1995001684	A1	EN	254	5		
National Designated States,Original: CA FI JP KR						
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE						
FI 199500714	A	FI				PCT Application WO 1994US5726
EP 663124	A1	EN	254	5		PCT Application WO 1994US5726 Based on OPI patent WO 1995001684
Regional Designated States,Original: DE FR GB NL SE						
US 5455863	A	EN	13	5		
JP 8500950	W	JA	26			PCT Application WO 1994US5726 Based on OPI patent WO 1995001684
US 5689563	A	EN	10	5		Continuation of application US 199384664
Continuation of patent US 5455863						
CA 2141318	C	EN				
KR 181566	B1	KO				PCT Application WO 1994US5726

...uses encryption process with packetised message encryption key and
unique packet number as encryption variables

Alerting Abstract ...The subscriber unit has a memory which contains an
identifier for the unit, two items of shared-secret data, a random
challenge, and instant-specific information. A processor is coupled to the
memory for generating...

...an encryption variable. A transmitter is connected to the memory, the
processor and the key generator for transmitting in a single message the
first subscriber identifier, the authentication message and the
encrypted data...

Equivalent Alerting Abstract ...a) memory means for maintaining first
subscriber unit identifier, first shared-secret data, second
shared-secret data, a random challenge, and instant-specific information...

...to the key generation means, for forming encrypted data by encrypting
dialed digits which uniquely identify a target communication unit and a
second subscriber unit identifier by using the session key as an
encryption variable; and...

...e) transmitter means, coupled to the memory means, processor means, and
key generation means, for transmitting, in a single message, the first
subscriber unit identifier, the authentication message and the
encrypted data to the communication unit.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Radio frequency based cellular telecommunication systems often require both

subscriber units (100) and communication units (130) of a fixed network communication system to maintain secret data which may be used to verify authenticity as well as provide encrypting variables for message encryption processes. An efficient real-time authentication method

...

...which uses instant-specific information such as a time of day, radio frequency carrier frequency, a time slot number, a radio port number, access manager identifier, a radio port control unit identifier, or a base site controller identifier to enhance the reliability of the authentication process. Furthermore, a method and apparatus are provided for maintaining secure packet data communications through an encryption process by utilizing a packetized message encryption key (502) and a unique packet number (504) as encryption variables.

...

...Radio frequency based cellular telecommunication systems often require both subscriber units and communication units of a fixed network communication system to maintain secret data which may be used to verify authenticity as well as provide encrypting variables for message encryption processes. An efficient real-time authentication method and apparatus are provided which...

...which uses instant-specific information such as a time of day, radio frequency carrier frequency, a time slot number, a radio port number, access manager identifier, a radio port control unit identifier, or a base site controller identifier to enhance the reliability of the authentication process. Furthermore, a method and apparatus are provided for maintaining secure packet data communications through an encryption process by utilizing a packetized message encryption key and a unique packet number as encryption variables.

...

...Radio frequency based cellular telecommunication systems often require both subscriber units and communication units of a fixed network communication system to maintain secret data which may be used to verify authenticity as well as provide encrypting variables for message encryption processes. An efficient real-time authentication method and apparatus are provided which use a single message to...

...which uses instant-specific information such as a time of day, radio frequency carrier frequency, a time slot number, a radio port number, access manager identifier, a radio port control unit identifier, or a base site controller identifier to enhance the reliability of the authentication process. Furthermore, a method and apparatus are provided for maintaining secure packet data communications through an encryption process by utilizing a packetized message encryption key and a unique packet number as encryption variables.

...

...Radio frequency based cellular telecommunication systems often require

both subscriber units (100) and communication units (130) of a fixed network communication system to maintain secret data which may be used to verify authenticity as well as provide encrypting variables for message encryption processes. An efficient real-time authentication method and apparatus are provided which use a single message (210) to provide authentication and communication...

...which uses instant-specific information such as a time of day, radio frequency carrier frequency, a time slot number, a radio port number, access manager identifier, a radio port control unit identifier, or a base site controller identifier to enhance the reliability of the authentication process. Furthermore, a method and apparatus are provided for maintaining secure packet data communications through an encryption process by utilizing a packetized message encryption key (502) and a unique packet number (504) as encryption variables.

Claims:

The subscriber unit has a memory which contains an identifier for the unit, two items of shared-secret data, a random challenge, and instant-specific information. A processor is coupled to the memory for generating...

...an encryption variable. A transmitter is connected to the memory, the processor and the key generator for transmitting in a single message the first subscriber identifier, the authentication message and the encrypted data...

...which authenticates communications from a subscriber unit of a communication system, comprising: (a) receiver means for receiving, in a single message, a first subscriber unit identifier, an authentication message and encrypted data; (b) memory means for maintaining first shared-secret data, second shared-secret data, a random challenge, and instant-specific information; (c...

...message and the expected authentication message; (iii) means for recovering the dialed digits which uniquely identifies the target communication unit and the second subscriber unit identifier by decrypting the communicated encrypted data by using the session key as an decryption variable and for establishing a communication link on a traffic channel with between...

11/3,K/105 (Item 105 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0007021534 - Drawing available
WPI ACC NO: 1995-036864/199505
XRPX Acc No: N1995-029025
Telephone call forwarding method a cellular telephone network - using stored sequence of call forwarding priority list for forwarding if call cannot be completed
Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF);
TELEFONAKTIEBOLAGET ERICSSON LM (TELF)
Inventor: GINTER T
Patent Family (15 patents, 29 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1994029994	A1	19941222	WO 1994SE525	A	19940601	199505 B
FI 199500453	A	19950202	WO 1994SE525	A	19940601	199518 E
			FI 1995453	A	19950202	
TW 242726	A	19950311	TW 1994104917	A	19940607	199521 E
AU 199469866	A	19950103	AU 199469866	A	19940601	199522 E
EP 653134	A1	19950517	EP 1994918633	A	19940601	199524 E
			WO 1994SE525	A	19940601	
JP 8500232	W	19960109	WO 1994SE525	A	19940601	199642 E
			JP 1995501657	A	19940601	
US 5579375	A	19961126	US 199371693	A	19930603	199702 E
			US 1995433128	A	19950502	
CN 1110493	A	19951018	CN 1994190353	A	19940601	199735 E
AU 680514	B	19970731	AU 199469866	A	19940601	199738 E
NZ 267531	A	19971124	NZ 267531	A	19940601	199802 E
			WO 1994SE525	A	19940601	
SG 45162	A1	19980116	SG 1996808	A	19940601	199811 E
RU 2110898	C1	19980510	RU 1995109444	A	19940601	199849 E
MX 187280	B	19971203	MX 19944062	A	19940531	199936 E
BR 199405392	A	19990908	BR 19945392	A	19940601	200003 E
			WO 1994SE525	A	19940601	
KR 311448	B	20011217	WO 1994SE525	A	19940601	200249 E
			KR 1995700423	A	19950203	

Priority Applications (no., kind, date): US 199371693 A 19930603; US 1995433128 A 19950502

Patent Details

Number	Kind	Lang	Pg	Dwg	Filing Notes
WO 1994029994	A1	EN	45	15	
National Designated States, Original: AU BR CA CN FI JP KR NZ RU					
Regional Designated States, Original: AT BE CH DE DK ES FR GB GR IE IT LU					
MC NL PT SE					
FI 199500453	A	FI			PCT Application WO 1994SE525
TW 242726	A	ZH			
AU 199469866	A	EN			Based on OPI patent WO 1994029994
EP 653134	A1	EN	45	15	PCT Application WO 1994SE525
					Based on OPI patent WO 1994029994
Regional Designated States, Original: DE DK ES FR GB GR IT NL SE					
JP 8500232	W	JA	43		PCT Application WO 1994SE525
					Based on OPI patent WO 1994029994
US 5579375	A	EN	23	15	Continuation of application US
199371693					
AU 680514	B	EN			Previously issued patent AU 9469866
					Based on OPI patent WO 1994029994
NZ 267531	A	EN			PCT Application WO 1994SE525
					Based on OPI patent WO 1994029994
SG 45162	A1	EN			
BR 199405392	A	PT			PCT Application WO 1994SE525
					Based on OPI patent WO 1994029994
KR 311448	B	KO			PCT Application WO 1994SE525
					Previously issued patent KR 95703242
					Based on OPI patent WO 1994029994

Telephone call forwarding method a cellular telephone network -

Alerting Abstract ...The method of forwarding a telephone call for a mobile telephone involves associating the mobile station with a home location register, HLR. A sequence of call-forwarding numbers are stored in a data base in the HLR. A request message is transmitted to the HLR requesting a call forwarding number. The request message is identified with a unique number which enables the HLR to retrieve and forward a sequence of call forwarding numbers to a single calling party...

...USE/ADVANTAGE - For cellular telephone. For call transfer and redirection. Efficient operation. Uses billing information to identify calls.

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...and method provides multiple sequential call-forwarding transfers to a sequence of C-numbers within a conventional cellular radio communications system by providing a unique identifier for each call and enabling a home location register (HLR) (14) to coordinate and disseminate multiple calls made to the same mobile station. The HLR (14) stores, within a...

...calls are to be forwarded in the event a call cannot be completed to the mobile station. Each C-number is associated with sets of unique identification numbers and time stamps. When an incoming call is received at an originating mobile switching center (MSC) (11), a transfer-to-number request message (86), containing a unique number identifying the request, is transmitted from the MSC (11) to the HLR (14) containing the subscriber database. In response, the HLR (14) analyzes the request, searches the C-number...

...MSC (11), the optimum C-number for completing the call. The HLR (14) then updates the time stamp associated with that particular C-number and unique identifier. The MSC (11) then attempts to complete the call. If the call cannot be completed, the process is repeated until the call is completed, the call is terminated, or...

...and method provides multiple sequential call-forwarding transfers to a sequence of C-numbers within a conventional cellular radio communications system by providing a unique identifier for each call and enabling a home location register (HLR) to coordinate and disseminate multiple calls made to the same mobile station. The HLR stores, within a subscriber database, a sequence of C-numbers...

...calls are to be forwarded in the event a call cannot be completed to the mobile station. Each C-number is associated with sets of unique identification numbers and time stamps. When an incoming

call is received at an originating mobile switching center (MSC), a transfer-to-number request message, containing a unique number identifying the request, is transmitted from the MSC to the HLR containing the subscriber database. In response, the HLR analyzes the request, searches the C-number priority list, and transmits to the MSC, the optimum C-number for completing the call. The HLR then updates the time stamp associated with that particular C-number and unique identifier. The MSC then attempts to complete the call. If the call cannot be completed, the process is repeated until the call is completed, the call is terminated, or the call-forwarding priority list is...

...system and method provides multiple sequential call-forwarding transfers to a sequence of C-numbers within a conventional cellular radio communications system by providing a unique identifier for each call and enabling a home location register (HLR) (14) to coordinate and disseminate multiple calls made to the same mobile station. The HLR (14) stores, within a subscriber database, a sequence of C-numbers on a call...

...calls are to be forwarded in the event a call cannot be completed to the mobile station. Each C-number is associated with sets of unique identification numbers and time stamps. When an incoming call is received at an originating mobile switching center (MSC) (11), a transfer-to-number request message (86), containing a unique number identifying the request, is transmitted from the MSC (11) to the HLR (14) containing the subscriber database. In response, the HLR (14) analyzes the request, searches the C-number priority list, and transmits to the MSC (11), the optimum C-number for completing the call. The HLR (14) then updates the time stamp associated with that particular C-number and unique identifier. The MSC (11) then attempts to complete the call. If the call cannot be completed, the process is repeated until the call is completed, the call is terminated, or the call-forwarding priority list is exhausted.

Claims:

The method of forwarding a telephone call for a mobile telephone involves associating the mobile station with a home location register, HLR. A sequence of call-forwarding numbers are stored in a data base in the HLR. A request message is transmitted to the HLR requesting a call forwarding number. The request message is identified with a unique number which enables the HLR to retrieve and forward a sequence of call forwarding numbers to a single calling party...

...a corresponding request message to said HLR requesting a call-forwarding number from said sequence of call-forwarding numbers, said corresponding request message including a unique call identification number; retrieving and forwarding a different one of said sequence of call-forwarding numbers for each one of said plurality of incoming telephone calls; and maintaining a record between said unique call identification number and said sequence of call forwarding numbers to mark those certain ones of said sequence of call-forwarding numbers that have been retrieved for each one of said plurality of request messages and to identify those ones...

DIALOG(R)File 350:Derwent WPIX
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0006873440 - Drawing available

WPI ACC NO: 1994-264434/199432

XRPX Acc No: N1994-208021

Call completion system for cellular telephone communication

system - creates call request signal and transmits to called party and,
when called party responds with call acceptance signal at second port,
connects latter to first port, completing call

Patent Assignee: BOEING CO (BOEI); BOEING INFORMATION SERVICES INC (BOEI)

; UNIV CHINA PHARMACY (UYCH-N)

Inventor: FATH A; FATH A F; TANG M; YAN Y; ZHU D

Patent Family (13 patents, 50 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1994017641	A1	19940804	WO 1994EP135	A	19940121	199432 B
TW 229344	A	19940901	TW 1994100705	A	19940127	199439 E
AU 199458849	A	19940815	AU 199458849	A	19940121	199444 E
FI 199503614	A	19950728	WO 1994EP135	A	19940121	199542 E
			FI 19953614	A	19950728	
NO 199502978	A	19950824	WO 1994EP135	A	19940121	199544 E
			NO 19952978	A	19950727	
EP 681777	A1	19951115	EP 1994905096	A	19940121	199550 E
			WO 1994EP135	A	19940121	
US 5479478	A	19951226	US 199311306	A	19930129	199606 E
			US 1994361888	A	19941222	
JP 8506702	W	19960716	JP 1994516646	A	19940121	199650 E
			WO 1994EP135	A	19940121	
AU 675108	B	19970123	AU 199458849	A	19940121	199712 E
CN 1116894	A	19960214	CN 1994191038	A	19940121	199742 E
MX 189411	B	19980717	MX 1994765	A	19940128	200034 E
CN 1047906	C	19991229	CN 1994191038	A	19940121	200463 E
CN 1116894	C	20030806	CN 1999114091	A	19990309	200549 E

Priority Applications (no., kind, date): US 199311306 A 19930129; US 1994361888 A 19941222

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1994017641	A1	EN	32	8	
National Designated States,Original: AU BB BG BR BY CA CN CZ FI GE HU JP KP KR KZ LK LV MG MN MW NO NZ PL RO RU SD SK UA UZ VN					
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE					
TW 229344	A	ZH			
AU 199458849	A	EN			Based on OPI patent WO 1994017641
FI 199503614	A	FI			PCT Application WO 1994EP135
NO 199502978	A	NO			PCT Application WO 1994EP135
EP 681777	A1	EN	32	8	PCT Application WO 1994EP135
					Based on OPI patent WO 1994017641

Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

US 5479478 A EN 18 8 Continuation of application US

199311306

JP 8506702 W JA 39 PCT Application WO 1994EP135

AU 675108

B EN

Based on OPI patent WO 1994017641
Previously issued patent AU 9458849

Based on OPI patent WO 1994017641

Call completion system for ~~cellular telephone~~ communication system...

Alerting Abstract ...call request signal. The exchange includes a global transmitter to broadcast the call request signal from the exchange to the receiving telephone via a global ~~network~~ (40...

...ADVANTAGE - Completes call directly from calling unit to receiving ~~cellular telephone~~ or similar.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...enables a call from a calling party to a called party to be completed directly, irrespective of the location of the called party within a ~~cellular telephone~~ system. In a ~~preferred~~ embodiment, a calling signal is directed to a central office that creates switching information used to connect the called party to the calling party. The...

...a switch controller in communication with the switch, the switch connecting the switch controller to the calling signal. The switch controller obtains a called party ~~identifier~~ from the calling party. The switch controller creates a call request signal that includes the switching information and the called party ~~identifier~~. The switch controller ~~causes~~ a switch transmitter to transmit the call request signal to the called party and when the called party responds with a call acceptance signal, at...

...enables a call from a calling party to a called party to be completed directly, irrespective of the location of the called party within a ~~cellular telephone~~ system. In a preferred embodiment, a calling signal is directed to a pull central office that creates switching information used to connect the called party to the calling party. The pull central office includes...

...a switch controller in communication with the switch, the switch connecting the switch controller to the calling signal. The switch controller obtains a called party ~~identifier~~ from the calling party. The switch controller creates a call request signal that includes the switching information and the called party ~~identifier~~. The switch controller causes a switch transmitter to ~~transmit~~ the call request signal to the called party, and when the called party responds with a call acceptance signal at a second port, connects the second port to the first port, thereby completing the call. The pull communication system includes a receiving ~~cellular telephone~~ that includes a receiver for receiving the call request signal from the pull central office. The receiving ~~cellular telephone~~ also includes a pull

controller that receives and decodes the call request signal...

...enables a call from a calling party to a called party to be completed directly, irrespective of the location of the called party within a cellular telephone system. In a preferred embodiment, a calling signal is directed to a central office that creates switching information used to connect the called party to the calling party. The central office includes a switch for receiving the calling signal...

...a switch controller in communication with the switch, the switch connecting the switch controller to the calling signal. The switch controller obtains a called party identifier from the calling party. The switch controller creates a call request signal that includes the switching information and the called party identifier. The switch controller causes a switch transmitter to transmit the call request signal to the called party and when the called party responds with a call acceptance signal, at a second port, connects the second port to the first

...

Claims:

...call request signal. The exchange includes a global transmitter to broadcast the call request signal from the exchange to the receiving telephone via a global network (40...

...a switch controller in communication with the switch ports and the pull central office transmitter, the switch controller including: means for obtaining a called party identifier from the calling party; means for creating a call request signal that includes the called party identifier, switching information identifying a second switch port, and a message identification identifying the call from the calling party; means for causing the pull central office transmitter to...

...receives the call request signal from the pull central office; a called party transmitter that transmits the call acceptance signal without requiring a separate telephone call, including the message identification, to the second switch port as identified by the switching information received in the call request signal, the message identification causing the pull central office...

11/3,K/107 (Item 107 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006868243 - Drawing available
WPI ACC NO: 1994-258785/199432
XREFX Acc No: N1994-204207; N1995-210697
Personal communication using unique personal numbers -
realising real time communication by retrieving personal
information for establishing communication link based on personal
number assigned to subscriber
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: IIDA I; KURITA T
Patent Family (3 patents, 2 countries)
Patent Application
Number Date Number Kind Date Update
JP 6188831 A 19940708 JP 1992336026 A 19921216 199432 B

US 5440541	A	19950808	US 199399163	A	19930729	199537	ETAB
US 5594722	A	19970114	US 199399163	A	19930729	199709	E
			US 1995433924	A	19950502		

Priority Applications (no., kind, date): JP 1992336026 A 19921216

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 6188831	A	JA	15	22	
US 5440541	A	EN	34	22	
US 5594722	A	EN	32	22	Division of application US 199399163
					Division of patent US 5440541

Personal communication using unique personal numbers - ...

...realising real time communication by retrieving personal information for establishing communication link based on personal number assigned to subscriber

Alerting Abstract ...The personal communications method involves assigning to each subscriber a personal identifier and an additional identifier which is a sum of a group identifier indicating a group to which the subscriber belongs and a local identifier indicating a local ID for the subscriber within the group. Location information for the subscriber associated with the personal identifier including an area identifier is stored in a personal data base...

...The location information of the subscriber associated with the group identifier and the local identifier is stored in a group data base. Either the personal or additional identifier which is a sum of the group identifier and the local identifier, of a destination subscriber is entered into a group database. Location information of the destination subscriber is retrieved using either the personal or additional identifier. Communication is established between a source subscriber and the destination subscriber based on the location information of the destination subscriber...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

The present invention aims at realizing a real-time call process by performing a timesaving operation in retrieving personal information in a personal communications system for establishing communications based on a unique personal number assigned to each subscriber. In addition to a unique personal number, each subscriber can be assigned a group number identifying a group to which the subscriber belongs and a local number of the group. For example, if a source subscriber specifies as a destination number the group number+local number of subscriber B, a service control point 11 broadcasts over a network a packet addressed with the group number+local number of subscriber B. Each of the service control points in

the network determines whether or not a data base connected to it stores a group number which matches the destination address of the packet. If yes, the packet is received. Then, the associated data base retrieves the personal information associated with the destination address of the received packet, that is, the personal information on subscriber B, and returns to the service control point 11 the packet provided with the personal information on subscriber B. The service control point 11 performs a routing process according to the location information...

...The present invention aims at realizing a real-time call process by performing a timesaving operation in retrieving personal information in a personal communications system for establishing communications based on a unique personal number assigned to each subscriber. In addition to a unique personal number, each subscriber can be assigned a group number identifying a group to which the subscriber belongs and a local number of the group. For example, if a source subscriber specifies as a destination number the group number+local number of subscriber B, a service control point 11 broadcasts over a network a packet addressed with the group number+local number of subscriber B. Each of the service control points in the network determines whether or not a data base connected to it stores a group number which matches the destination address of the packet. If yes, the packet is received. Then, the associated data base retrieves the personal information associated with the destination address of the received packet, that is, the personal information on subscriber B, and returns to the service control point 11 the packet provided with the personal information on subscriber B. The service control point 11 performs a routing process according to the location information.

Claims:

A personal communications method for establishing communications based on a personal identifier indicating a personal ID assigned to each subscriber, the method comprising the steps of: assigning to each subscriber said personal identifier and an additional identifier which is a sum of a group identifier indicating a group to which a subscriber belongs and a local identifier indicating a local ID of said subscriber within said group; storing, in a personal data base, a location information of the subscriber associated with said personal identifier including an area identifier; storing, in a group data base, a location information of the subscriber associated with the group identifier and the local identifier; inputting into a group data base one of the personal identifier and the additional identifier which is a sum of the group identifier and the local identifier, of a destination subscriber; retrieving location information of the destination subscriber using one of the personal identifier from the personal data base and the additional identifier which is a sum of the group identifier and the local identifier, from the group data base; and establishing communications between a source subscriber and the destination subscriber based on the location information of the destination subscriber...

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0006713171 - Drawing available

WPI ACC NO: 1994-094578/199412

XRPX Acc No: N1994-074224

Automatic mobile radio transmission power control system - logs power levels and times of reception of each mobile, aggregates data over whole network at control centre and transmits power level commands to mobiles identified as being mutually interfering.

Patent Assignee: ROKE MANOR RES LTD (ROKE-N)

Inventor: CHANDLER D P; HULBERT A P

Patent Family (10 patents, 9 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
GB 2271245	A	19940406	GB 199220579	A	19920930	199412 B
EP 590252	A1	19940406	EP 1993111068	A	19930710	199414 E
FI 199304276	A	19940331	FI 19934276	A	19930929	199422 E
CA 2100816	A	19940331	CA 2100816	A	19930719	199424 E
JP 6204935	A	19940722	JP 1993245012	A	19930930	199434 E
US 5430889	A	19950704	US 1993112224	A	19930827	199532 E
GB 2271245	B	19960508	GB 199220579	A	19920930	199622 E
EP 590252	B1	19980923	EP 1993111068	A	19930710	199842 E
DE 69321183	E	19981029	DE 69321183	A	19930710	199849 E
			EP 1993111068	A	19930710	
RU 2120698	C1	19981020	RU 199346059	A	19930917	200011 E

Priority Applications (no., kind, date): GB 199220579 A 19920930

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
GB 2271245	A	EN	19	3	
EP 590252	A1	EN	8	3	
Regional Designated States,Original: DE FR GB IT SE					
CA 2100816	A	EN			
JP 6204935	A	JA	7		
US 5430889	A	EN	7	3	
GB 2271245	B	EN	1		
EP 590252	B1	EN			
Regional Designated States,Original: DE FR GB IT SE					
DE 69321183	E	DE			Application EP 1993111068
					Based on OPI patent EP 590252

...logs power levels and times of reception of each mobile, aggregates data over whole network at control centre and transmits power level commands to mobiles identified as being mutually interfering.

Alerting Abstract ...The system includes a control centre via which a number of base stations are linked to facilitate mutual communication between mobile unit which gain access to the system via the base stations. The mobile unit are arranged to transmit, in addition to an ID code unique to each mobile unit, a data sequence common to each mobile unit but transmitted by each mobile unit at a nominally different time within each burst. Each base station includes a correlator to discriminate between signals from mobile units within its own cell and interfering signals from mobile units in adjacent cells...

...recorded as they relate to signals received. The control centre includes a signal processor responsive to the data logger at each base station for identifying mobile units involved in potentially mutually interfering situations and feeding back appropriate instructions to the base stations concerned whereby suitable power control signals are transmitted to these mobile units.

Equivalent Alerting Abstract ...power control system comprises a control centre via which a number of base stations, each serving a cell, are linked to facilitate mutual communication between mobile units which gain access to the cellular mobile radio system via the base stations; at least two mobile units distinguishable by identification codes, the mobile units being arranged to transmit, in addition to an identification code unique to each mobile unit, a data sequence common to each mobile unit, but transmitted by each mobile unit at a nominally different time within each burst; each of the stations including correlator operative to discriminate between signals from mobile units within its own cell and interfering signals from mobile units in adjacent cells and a data logger
...

...the data loggers located at each of the base stations, which serves to store the results of correlation of the data sequence common to each mobile unit, so that details of relative power levels and times of reception are recorded as these details relate to signals received, the control centre including a signal processor responsive to the data logger at each base station for identifying mobile units involved in potentially mutually interfering situations and feeding back instructions as appropriate to each of the base stations whereby power control signals are transmitted to these mobile units over the radio link from the base stations...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...to measure the signal levels from all mobiles within range. Base stations log the levels and times of reception. The data is aggregated over the network interconnecting the base stations to a common point. At this common point the timings of the unknown mobile signal reception peaks are matched to those of the known in other base...

...mobile radio system, comprising: a control center via which a plurality of base stations, each serving a cell, are linked to facilitate mutual communication between mobile units which gain access to the cellular mobile radio system via the base stations; at least two mobile units distinguishable by identification codes, the mobile units being arranged to transmit, in addition to an identification code unique to each mobile unit, a data sequence common to each mobile unit, but

transmitted by each mobile unit at a nominally different time within each burst; each of said the stations including correlator operative to discriminate between signals from mobile units within its own cell and interfering signals from mobile units in adjacent cells and a data logger; and a data processing unit located at the control center and arranged to merge data from the data loggers located at each of the base stations, which serves to store the results of correlation of the data sequence common to each mobile unit, so that details of relative power levels and times of reception are recorded as these details relate to signals received, the control center including a signal processor responsive to the data logger at each base station for identifying mobile units involved in potentially mutually interfering situations and feeding back instructions as appropriate to each of the base stations whereby power control signals are transmitted to these mobile units over the radio link from the base stations.

Claims:

...control system for a mobile radio system comprising a control centre via which a plurality of base stations are linked to facilitate mutual communication between mobile units which gain access to the system via the said base stations, the mobile units being arranged to transmit, in addition to an identification code unique to each mobile unit, a data sequence common to each mobile unit, but transmitted by each mobile unit at a nominally different time within each burst, each base station including correlator means operative to discriminate between signals from mobile units within its own cell, (which mobile units are distinguished by their identification code), and interfering signals from mobile units in adjacent cells, and a data logger which serves to store the results of correlation so that details of relative power levels and times of reception are recorded as they relate to signals received, the control centre including a signal processor responsive to the data logger at each base station for identifying mobile units involved in potentially mutually interfering situations and feeding back appropriate instructions to the base stations concerned whereby suitable power control signals are transmitted to these mobile units.

...

...mobile radio system comprising a control centre (4) via which a plurality of base stations (BS0, BS1, BS2) are linked to facilitate mutual communication between mobile units (M00, M10, M20) which gain access to the system via the said base stations, characterised by the mobile units being arranged to transmit, in addition to an identification code unique to each mobile unit, a data sequence common to each mobile unit, but transmitted by each mobile unit at a nominally different time within each burst, each base station (BS0, BS1, BS2) including correlator means (6) operative to discriminate between signals from mobile units within its own cell, which mobile units are distinguished by their identification code, and interfering signals from mobile units in adjacent cells, and a data logger (8) which serves to store the results of correlation so

that details of relative power levels and times of reception are recorded as they relate to signals received, the control centre (4) including a signal processor (9, 10, 11, 12) responsive to the data logger (8) at each base station for identifying mobile units involved in potentially mutually interfering situations by time aligning the data obtained from the data loggers, and feeding back appropriate instructions to the base stations (BS0, BS1, BS2) concerned whereby suitable power control signals are transmitted to these mobile units (M00, M10, M20).

The system includes a control centre via which a number of base stations are linked to facilitate mutual communication between mobile unit which gain access to the system via the base stations. The mobile unit are arranged to transmit, in addition to an ID code unique to each mobile unit, a data sequence common to each mobile unit but transmitted by each mobile unit at a nominally different time within each burst. Each base station includes a correlator to discriminate between signals from mobile units within its own cell and interfering signals from mobile units in adjacent cells

11/3,K/109 (Item 109 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0006623083 - Drawing available
 WPI ACC NO: 1993-388388/199349
 XRPX Acc No: N1993-299948

Identification and detection of vehicles or objects by electronic tag - has mobile reader receiving broadcast information from central server and interrogating vehicle tag which emits memorised code

Patent Assignee: THOMSON CSF (CSFC)

Inventor: PASCHAL J

Patent Family (7 patents, 14 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 573320	A1	19931208	EP 1993401180	A	19930507	199349 B
FR 2691813	A1	19931203	FR 19926432	A	19920526	199401 E
CA 2096918	A	19931127	CA 2096918	A	19930525	199407 E
EP 573320	B1	19970709	EP 1993401180	A	19930507	199732 E
DE 69311974	E	19970814	DE 69311974	A	19930507	199738 E
			EP 1993401180	A	19930507	
US 5661473	A	19970826	US 199365762	A	19930524	199740 E
			US 1994345362	A	19941118	
ES 2105154	T3	19971016	EP 1993401180	A	19930507	199748 E

Priority Applications (no., kind, date): FR 19926432 A 19920526

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 573320	A1	FR	7	5		
Regional Designated	States,Original:	BE	CH	DE	DK	ES GB IT LI LU NL PT SE
CA 2096918	A	EN				
EP 573320	B1	FR	9	5		
Regional Designated	States,Original:	BE	CH	DE	DK	ES GB IT LI LU NL PT SE

DE 69311974	E	DE			Application EP 1993401180 Based on OPI patent EP 573320
US 5661473	A	EN	7	5	Continuation of application US
199365762					
ES 2105154	T3	ES			Application EP 1993401180 Based on OPI patent EP 573320

...has mobile reader receiving broadcast information from central server and interrogating vehicle tag which emits memorised code

Alerting Abstract ...A stolen vehicle file is broadcast from the central server to the reader via a data transmission network to update the reader memory. The reader includes a hand-held case with keypad, screen and sounder. The system can be extended to second hand vehicle sales and driver identification...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...which prompts the electronic labels of these vehicles or objects to transmit identification codes assigned to these vehicles or objects to the radioelectrical means, comparison means for comparing the identification codes recorded in the file of the recording memory with each identification code transmitted by the electronic labels, and reporting means for reporting to authorities...

Claims:

...de vehicules ou d'objets identifiables comportant:</br> - une memoire d'enregistrement (5) d'un fichier de codes d'identifications d'objets ou de vehicules a identifier</br> - des moyens d'interrogation radioelectriques des etiquettes pour provoquer la transmission des codes d'identification des vehicules ou objets</br> - des moyens de comparaison (5a) des codes d'identification contenus dans le fichier avec...

11/3,K/110 (Item 110 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006575118 - Drawing available
WPI ACC NO: 1993-386878/199348
XRPX Acc No: N1993-298746
Hand-off method for cellular mobile communication system - passing unique telephone line number from fixed unit to portable unit during call set-up and back to second fixed unit
Patent Assignee: MOTOROLA INC (MOTI)
Inventor: PICKERT W F
Patent Family (9 patents, 23 countries)
Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1993023945	A1	19931125	WO 1993US4431	A	19930512	199348 B
US 5311571	A	19940510	US 1992882994	A	19920514	199418 E
TW 223203	A	19940501	TW 1993104312	A	19930531	199423 E

EP 640264	Al	19950301	EP 1993911226	A	19930512	199513	E
			WO 1993US4431	A	19930512		
CN 1088377	A	19940622	CN 1993107033	A	19930513	199531	E
CA 2135791	C	20000418	CA 2135791	A	19930512	200036	E
			WO 1993US4431	A	19930512		
EP 640264	B1	20020116	EP 1993911226	A	19930512	200212	E
			WO 1993US4431	A	19930512		
DE 69331461	E	20020221	DE 69331461	A	19930512	200221	E
			EP 1993911226	A	19930512		
			WO 1993US4431	A	19930512		
CN 1046396	C	19991110	CN 1993107033	A	19930513	200461	E

Priority Applications (no., kind, date): US 1992882994 A 19920514

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1993023945	Al	EN	27	6		
National Designated States,Original: CA JP KR						
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU						
MC NL PT SE						
US 5311571	A	EN	9	6		
TW 223203	A	ZH				
EP 640264	Al	EN			PCT Application	WO 1993US4431
					Based on OPI patent	WO 1993023945
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LI						
LU MC NL PT SE						
CA 2135791	C	EN			PCT Application	WO 1993US4431
					Based on OPI patent	WO 1993023945
EP 640264	B1	EN			PCT Application	WO 1993US4431
					Based on OPI patent	WO 1993023945
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LI						
LU MC NL PT SE						
DE 69331461	E	DE			Application	EP 1993911226
					PCT Application	WO 1993US4431
					Based on OPI patent	EP 640264
					Based on OPI patent	WO 1993023945

...passing unique telephone line number from fixed unit to portable unit during call set-up and back to second fixed unit

Alerting Abstract ...The hand-off method involves a fixed communication unit (FCU) receiving a hand-off request from a portable communication unit (PCU). The request includes a network parameter uniquely associated with a selected telephone line common to the FCUs. A wireless link is established with the PCU in response to the request...

...The wireless link is coupled to the selected telephone line common to the FCUs in response to receiving the network parameter, and a hand-off grant message is sent to the PCU. The PCU also passes the unique number to a second FCU in a hand-off request utilising the same telephone line...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A method and apparatus for performing a hand-off in a wireless communication system comprises at least one portable communication unit (PCU) (120). The wireless communication system further comprises a plurality of fixed communication units (FCUs) (102), covering a plurality of radio coverage areas (108, 110, 112) and coupled to a telephone system (114) by common telephone lines (116). The method comprises passing (514) a unique telephone line number (320) identifying one of the common telephone lines from a first FCU to a PCU during call setup and from the PCU to a second FCU...

...A method and apparatus for performing a hand-off in a wireless communication system comprises at least one portable communication unit (PCU) (120). The wireless communication system further comprises a plurality of fixed communication units (FCUs) (102), covering a plurality of radio coverage areas (108, 110, 112) and coupled to a telephone system (114) by common telephone lines (116). The method comprises passing (514) a unique telephone line number (320) identifying one of the common telephone lines from a first FCU to a PCU during call setup and from the PCU to a second FCU in a hand-off

...

Claims:

The hand-off method involves a fixed communication unit (FCU) receiving a hand-off request from a portable communication unit (PCU). The request includes a network parameter uniquely associated with a selected telephone line common to the FCUs. A wireless link is established with the PCU in response to the request...

...The wireless link is coupled to the selected telephone line common to the FCUs in response to receiving the network parameter, and a hand-off grant message is sent to the PCU. The PCU also passes the unique number to a second FCU in a hand-off request utilising the same telephone line...

...method comprising in a first one of the plurality of FCUs the steps of: receiving from the PCU (120) a hand-off request comprising a network parameter for identifying the telephone line shared in common by the plurality of FCUs (102), establishing a wireless communication link with the PCU (120) in response to the hand-off request; and coupling thereafter the wireless communication link to the telephone line identified by the network parameter.

...

...la pluralite de FCU, les etapes suivantes: reception d'une demande de transfert, provenant de la PCU (120), comprenant un parametre de reseau permettant d'identifier la ligne telefonique partagee, en commun, par la pluralite de FCU (102); etablisement d'une liaison de communication sans fil avec la PCU (120) en reponse a la demande de transfert; et ensuite, couplage de la liaison de communication sans fil avec la ligne telefonique identifiee par le parametre de reseau...

...fixed communication units (FCUs) having associated therewith a plurality of radio coverage areas, wherein the plurality of FCUs are coupled to a telephone system by a telephone line shared in common by the plurality of FCUs for handling calls to and from the PCU, and wherein the

PCU is associated with the

11/3,K/111 (Item 111 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006542098 - Drawing available

WPI ACC NO: 1993-351917/199344

XRFX Acc No: N1993-271422

Cryptographic data security in secured computer system - using secure processing unit to communicate with personal keying device and crypto media controller attached to user's workstation

Patent Assignee: SECURE COMPUTING CORP (SECU-N)

Inventor: BOEBERT W E; MARKHAM T R; OLMSTED R A

Patent Family (15 patents, 18 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1993021581	A2	19931028	WO 1993US3472	A	19930415	199344 B
US 5276735	A	19940104	US 1992870556	A	19920417	199402 E
AU 199342847	A	19931118	AU 199342847	A	19930415	199410 E
EP 636259	A1	19950201	EP 1993912226	A	19930415	199509 E
			WO 1993US3472	A	19930415	
WO 1993021581	A3	19940106	WO 1993US3472	A	19930415	199515 E
JP 7505970	W	19950629	JP 1993518565	A	19930415	199534 E
			WO 1993US3472	A	19930415	
US 5499297	A	19960312	US 1992870556	A	19920417	199616 E
			US 1993130273	A	19931001	
			US 1994359623	A	19941220	
US 5502766	A	19960326	US 1992870556	A	19920417	199618 E
			US 1993142904	A	19931026	
AU 667925	B	19960418	AU 199342847	A	19930415	199623 E
AU 199650811	A	19960718	AU 199342847	A	19930415	199639 E
			AU 199650811	A	19960423	
EP 737907	A2	19961016	EP 1993912226	A	19930415	199646 E
			EP 1996201432	A	19930415	
EP 636259	B1	19970604	EP 1993912226	A	19930415	199727 E
			WO 1993US3472	A	19930415	
EP 737907	A3	19970326	EP 1993912226	A	19930415	199728 E
			EP 1996201432	A	19930415	
AU 678937	B	19970612	AU 199342847	A	19930415	199732 E
			AU 199650811	A	19960423	
DE 69311331	E	19970710	DE 69311331	A	19930415	199733 E
			EP 1993912226	A	19930415	
			WO 1993US3472	A	19930415	

Priority Applications (no., kind, date): US 1992870556 A 19920417; US 1993130273 A 19931001; US 1993142904 A 19931026; US 1994359623 A 19941220

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1993021581	A2	EN	130	37		
National Designated States,Original:					AU CA JP UA	
Regional Designated States,Original:					AT BE CH DE DK ES FR GB GR IE IT LU	
MC NL PT SE						
US 5276735	A	EN	62	37		

AU 199342847	A	EN			Based on OPI patent	WO 1993021581
EP 636259	A1	EN	1	1	PCT Application	WO 1993US3472
					Based on OPI patent	WO 1993021581
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LI						
LU MC NL PT SE						
WO 1993021581	A3	EN				
JP 7505970	W	JA	38	1	PCT Application	WO 1993US3472
					Based on OPI patent	WO 1993021581
US 5499297	A	EN	57	37	Continuation of application	US
1992870556						
					Continuation of application	US
1993130273						
					Continuation of patent	US 5276735
US 5502766	A	EN	50	37	Continuation of application	US
1992870556						
					Continuation of patent	US 5276735
AU 667925	B	EN			Previously issued patent	AU 9342847
					Based on OPI patent	WO 1993021581
AU 199650811	A	EN			Division of application	AU 199342847
EP 737907	A2	EN	64	37	Division of application	EP 1993912226
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LI						
LU MC NL PT SE						
EP 636259	B1	EN	58	31	PCT Application	WO 1993US3472
					Based on OPI patent	WO 1993021581
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LI						
LU MC NL PT SE						
EP 737907	A3	EN			Division of application	EP 1993912226
AU 678937	B	EN			Division of application	AU 199342847
					Previously issued patent	AU 9650811
DE 69311331	E	DE			Application	EP 1993912226
					PCT Application	WO 1993US3472
					Based on OPI patent	EP 636259
					Based on OPI patent	WO 1993021581

...using secure processing unit to communicate with ~~personal~~ keying device and crypto media controller attached to user's workstation

Alerting Abstract ...The system includes a secure processing unit which communicates with a ~~personal~~ keying device and a crypto media controller attached to a user's workstation...

...The communication between these processing elements generates a variety of data elements including keys, ~~identifiers~~ and attributes. The data elements are used to identify and authenticate the user, assign user security access rights and privileges, and assign media and device...

...USE/ADVANTAGE - Secure data processing in data communication system, eg local or wide area ~~network~~. Prevents user from obtaining unauthorised data.

Equivalent Alerting Abstract ...The system includes a secure processing unit which communicates with a ~~personal~~ keying device and a crypto media controller attached to a user's Workstation. The communication between these processing elements generates a variety of data elements including keys, ~~identifiers~~, and attributes. The data elements are used to identify and authenticate the user, assign user security access rights and privileges, and assign media and device attributes to a data access device according to a predefined security policy. The data elements are manipulated, combined, protected, and distributed through the ~~network~~ to the appropriate data access devices, which prevents the user from obtaining unauthorized data...

...USE/ADVANTAGE - Data communication system for secure transfer and sharing of data via local area ~~network~~ and/or wide area ~~network~~. Same cryptographic devices can be used for media protection and authenticated interactions with secure computer.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A data communication system providing for the secure transfer and sharing of data via a local area ~~network~~ and/or a wide area ~~network~~. The system includes a secure processing unit which communicates with a ~~personal~~ keying device and a crypto ~~media~~ controller attached to a user's workstation. The communication between these processing elements generates a variety of data elements including keys, ~~identifiers~~, and attributes. The data elements are used to identify and authenticate the user, assign user security access rights and privileges, and assign media and device attributes to a data access device according to a predefined security policy. The data elements are manipulated, combined, protected, and distributed through the ~~network~~ to the appropriate data access devices, which prevents the user from obtaining unauthorized data...

...A data communication system providing for the secure transfer and sharing of data via a local area ~~network~~ and/or a wide area ~~network~~. The system ~~includes~~ a secure processing unit which ~~communicates~~ with a ~~personal~~ keying device and a crypto media controller attached to a ~~user's~~ workstation. The communication between these processing elements generates a variety of data elements including keys, ~~identifiers~~ and attributes. The data elements are used to ~~identify~~ and authenticate the user, assign user security access rights and privileges, and assign media and device attributes to a data access device according to a predefined security policy. The data elements are manipulated, combined, protected and distributed through the ~~network~~ to the appropriate data access devices, which prevents the user from obtaining unauthorized data...

...A data communication system providing for the secure transfer and sharing of data via a local area ~~network~~ and/or a wide area ~~network~~. The system includes a secure processing unit which communicates with a ~~personal~~ keying device and a crypto media controller attached to a user's Workstation. The communication

between these processing elements generates a variety of data elements including keys, identifiers, and attributes. The data elements are used to identify and authenticate the user, assign user security access rights and privileges, and assign media and device attributes to a data access device according to a predefined security policy. The data elements are manipulated, combined, protected, and distributed through the network to the appropriate data access devices, which prevents the user from obtaining unauthorized data.

...

...access of those users to privileged instructions within a data enclave. The data enclave includes a plurality of controllers, such as workstations, connected over a network to a security server; each data enclave is assigned a cryptographic key. A personal keying device having an encrypted user unique identifier is assigned to each user; provisions are made for temporarily connecting the personal keying device to one of the controllers and for transmitting an encrypted message, including the user unique identifier and the last countersign, to the security server to authenticate the user and establish his/her access rights. A mechanism for updating the countersign is provided so that trusted path communications can be established between the user and the security server.

A data communication system providing for the secure transfer and sharing of data via a local area network and/or a wide area network. The system includes a secure processing unit which communicates with a personal keying device and a crypto media controller attached to a user's Workstation. The communication between these processing elements generates a variety of data elements including keys, identifiers, and attributes. The data elements are used to identify and authenticate the user, assign user security access rights and privileges, and assign media and device attributes to a data access device according to a predefined security policy. The data elements are manipulated, combined, protected, and distributed through the network to the appropriate data access devices, which prevents the user from obtaining unauthorized data.

...

...A data communication system providing for the secure transfer and sharing of data via a local area network and/or a wide area network. The system includes a secure processing unit which communicates with a personal keying device and a crypto media controller attached to a user's workstation. The communication between these processing elements generates a variety of data elements including keys, identifiers, and attributes. The data elements are used to identify and authenticate the user, assign user security access rights and privileges, and assign media and device attributes to a data access device according to a predefined security policy. The data elements are manipulated, combined, protected, and distributed through the network to the appropriate data access devices, which prevents the user from obtaining unauthorized data. Claims:

The system includes a secure processing unit which communicates with a personal keying device and a crypto media controller attached to a user's workstation...

...The communication between these processing elements generates a variety of data elements including keys, identifiers and attributes. The data elements are used to identify and authenticate the user, assign user security access rights and privileges, and assign media and device...

...zum Absichern von Daten, die sich auf physikalischen Einheiten, bestehend aus nicht entfernbaren (4) und entfernbaren (4) Medien, befinden, wobei die Datenenklave (20) eine Sicherheitsdiensteinrichtung (Server) (24) umfasst, die mittels eines Netzwerkes (12) mit einem oder mehreren Arbeitsplatzrechnern (10) verbunden ist, wobei jeder Arbeitsplatzrechner (10) eine Verschlüsselungs-Medienstereinheit (26) umfasst, die eingesetzt ist...

...A data enclave (20) for securing data carried on physical units of fixed (2) and removable (4) media, the data enclave (20) including a security server (24) connected over a network (42) to one or more workstations (10), wherein each workstation (10) includes a crypto media controller (26) used to read one of said physical units of media (2,4), the data enclave further comprising:

 an enclave key (40) used to encrypt data transmitted within the data enclave (20), wherein a copy of the enclave key (40) is stored in the security server (24) and the workstations (10);

 a personal keying device (36) for each user in the data enclave (20);

 a personal identification number (PIN) (50) and a user unique identifier (user UID) (48) assigned to each user in the enclave (20), wherein each user UID (48) is encrypted with the enclave key and stored in the personal keying device (30) of the user associated with the user UID;

 a set of user attributes (56) provided for each user, wherein each set of user attributes (56) represents user privileges and other security related information pertaining to a particular user and wherein each set of user attributes (56) is associated with the ...physical unit of media (2,4), wherein the media key (42) is used to encrypt and protect data carried on the media;

 a media unique identifier (media UID) (46) for each physical unit of media (2,4); and

 a set of media attributes (54) provided for each physical unit of media (2,4), wherein each set of media attributes (54) represents sensitivity or other security related information pertaining to data carried on a particular unit of media and wherein each set of media attributes (54) is associated with the media UID (46) of its respective physical unit of media (2,4); characterised in that

 the security server (24) comprises:

 security policy logic (86) for computing, from the set of user attributes assigned to a particular user (5) and the set of media attributes assigned to a particular unit of media (2,4), an access vector (52) which defines limits on access by the particular user (5) to the particular unit of media (2,4); and

 a key management crypto (70) for combining the access vector (52)...

...with a combined key formed from the enclave key (40) and the user UID (48) and PIN (50) of the particular user (5);

 wherein the personal keying device (30) comprises means (78) for storing the enciphered media key/access vector pair (91); and

 wherein the

crypto media controller (26) comprises means (70, 72, 76) for controlling access to data on the particular unit of media (2,4) as a function of the PIN (50) of the particular user (5), the media UID (46) of the particular physical unit of media (2,4) and the media key/access vector pair (91) retrieved from the personal keying device (30) of the particular user (5).

1. In a computing system having a security server and a controller which can communicate with the security server, a method of identifying and authenticating a first user from a plurality of users seeking access to the security server, wherein the method comprises the steps of:
providing a cryptographic key;
assigning a user unique identifier to each user, wherein the step of assigning comprises assigning a first user unique identifier to the first user;
assigning a personal keying device to each user, wherein each personal keying device comprises input means for entering user input and storage means for storing an encrypted last countersign and an encrypted version of the user unique identifier of the user to whom the personal keying device is assigned;
storing, in the security server, an expected personal identification number associated with the first user unique identifier;
attaching the personal keying device assigned to the first user to the controller;
entering, at the input means of the personal keying device, a user-entered personal identification number;
combining the user-entered personal identification number, the first user unique identifier and the last countersign into a message;
encrypting the message with the cryptographic key and transmitting the encrypted message to the security server;
decrypting the message and comparing the user-entered personal identification number to the expected personal identification number;
if the user-entered personal identification number matches the expected personal identification number, comparing the decrypted last countersign to a stored value to determine the first user's access rights.

A data enclave for securing data carried on physical units of fixed and removable media in a network including a server and one or more workstations, one or more of the workstations including the physical units of fixed media, comprising: protected storage in the server and in each of the workstations; a crypto media controller in each workstation that can be used to read the fixed media and the removable media; a personal keying device assigned to each user in the enclave; an enclave key, a copy of which is held in the protected storage in the server and in each of the workstations and used to protect other keys stored or transmitted on the network; a personal identification number (PIN) for user in the enclave; a media key for each unit of media; and an access vector associated with each media key to form media key/access vector pairs, the pairs stored in the personal keying devices, and used to represent the possible conditions of access to the data encrypted on the media for the user assigned to the personal keying device holding the media key/access vector pair or pairs; wherein the media key/access vector pairs stored in the personal keying devices are enciphered with a combined key formed from the user's PIN

and the enclave key; wherein device attributes assigned to each workstation are used to represent security attributes of the workstations; and wherein each crypto media controller includes logic for (i) reading a unit of media using the media key received from the personal keying device of the user seeking access to the data (ii) decrypting a media key/access vector pair received from a personal keying device using the enclave key stored in the controller and the user PIN entered by a user in the personal keying device used by the user seeking access to the data, (iii) decrypting the data on the media using the media key, and (iv) restricting access to the decrypted data based on the access vector and the device attributes for the workstation from which access is attempted.

In a computing system having a security server and a controller which can communicate with the security server, a method of identifying and authenticating a first user from a plurality of users seeking access to the security server, wherein the method comprises the steps of: providing a cryptographic key; assigning a user unique identifier to each user, wherein the step of assigning comprises assigning a first user unique identifier to the first user; assigning a personal keying device to each user, wherein each personal keying device comprises input means for entering user input and storage means for storing an encrypted last countersign and an encrypted version of the user unique identifier of the user to whom the personal keying device is assigned; storing, in the security server, and expected personal identification number associated with the first user unique identifier; attaching the personal keying device assigned to the first user to the controller; entering, at the input means of the personal keying device, a user-entered personal identification number; combining the user-entered personal identification number, the first user unique identifier and the last countersign into a message; encrypting the message with the cryptographic key and transmitting the encrypted message to the security server; decrypting the message and comparing the user-entered personal identification number to the expected personal identification number; if the user-entered personal identification number matches the expected personal identification number, comparing the decrypted last countersign to a stored value to determine the first user's access rights.

A data enclave for securing data carried on physical units of fixed and removable media in a network including a server and one or more workstations, one or more of the workstations including the physical units of fixed media, comprising: protected storage in the server and in each of the workstations; a crypto media controller in each Workstation that can be used to read the fixed media and the removable media; a personal keying device assigned to each user in the enclave; an enclave key, a copy held in the protected storage in the server and in each of the workstations and used to protect other keys stored or transmitted on the network; a personal identification number (PIN) for each user in the enclave; an access vector associated with each media key to form media key/access vector pairs, the pairs stored in the personal keying devices, and used to represent the possible conditions of

access to the data encrypted on the media for the user assigned to the personal keying device holding the media key/access vector pair or pairs; the media key/access vector pairs stored in the personal keying devices enciphered with a combined key including the user's PIN and the enclave key; device attributes assigned to each Workstation, and used to represent the security attributes of the workstations; and each crypto media controller including logic for (i) reading a unit of media using the media key received from the personal keying device of the user seeking access to the data, (ii) decrypting a media key/access vector pair received from a personal keying device using the enclave key stored in the controller and the user PIN entered by a user in the personal keying device used by the user seeking access to the data, (iii) decrypting the data on the media using the media key, and (iv) restricting access to the decrypted data based on the access vector and the device attributes for the Workstation from which access is attempted.>

11/3,K/112 (Item 112 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0006514120 - Drawing available
 WPI ACC NO: 1993-322134/199341
 XRPX Acc No: N1993-248235

Identification of secret data messages in unidirectional network - identifying secret data messages in transmitting system where cyclic redundancy code is used for error check, identifying data messages with help of error check identification.

Patent Assignee: NOKIA TECHNOLOGY GMBH (OYNO); SALON TELEVISIOTEHDAS OY (SALO-N)

Inventor: KANGAS M

Patent Family (9 patents, 8 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
EP 564825	A2	19931013	EP 1993103555	A	19930305	199341 B
FI 90385	B	19931015	FI 19921055	A	19920311	199345 E
NO 199300839	A	19930913	NO 1993839	A	19930308	199345 E
US 5355412	A	19941011	US 199329110	A	19930310	199440 E
EP 564825	A3	19950503	EP 1993103555	A	19930305	199545 E
NO 307638	B1	20000502	NO 1993839	A	19930308	200028 E
EP 564825	B1	20051123	EP 1993103555	A	19930305	200577 E
DE 69333913	E	20051229	DE 69333913	A	19930305	200603 E
			EP 1993103555	A	19930305	
DE 69333913	T2	20060810	DE 69333913	A	19930305	200654 E
			EP 1993103555	A	19930305	

Priority Applications (no., kind, date): FI 19921055 A 19920311; EP 1993103555 A 19930305

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 564825	A2	EN	5	3	
Regional Designated States,Original: DE FR GB IT SE					
FI 90385	B	FI			Previously issued patent FI 9201055

US 5355412	A	EN	6	3	
EP 564825	A3	EN			
NO 307638	B1	NO			Previously issued patent NO 9300839
EP 564825	B1	EN			
Regional Designated States, Original: DE FR GB IT SE					
DE 69333913	E	DE			Application EP 1993103555
					Based on OPI patent EP 564825
DE 69333913	T2	DE			Application EP 1993103555
					Based on OPI patent EP 564825

Identification of secret data messages in unidirectional **network** -

Original Titles:

...Method for identification of secret data messages in a uni-directional multipoint **network** using cyclic redundancy checks...

...Method for identification of secret data messages in a uni-directional multipoint **network** using cyclic redundancy checks...

...Identifying secret data messages in a one-direction multipoint **network**

Alerting Abstract ...are identified with help of the identification used for the error check. In addition to an own personal identification, each receiving person is given a **unique CRC-identification**, which itself is used in the transmitting end for the CRC calculation...

...The calculated CRC value together with the **unique CRC identification** can be performed reversely in the receiving end. The resulting value is added to the end of the secret data message and is sent on...

Equivalent Alerting Abstract ...In addition to an own personal identification each receiving person is given a **unique CRC identification**, which is used in a transmitting end of the transmitting system for CRC calculation...

...USE/ADVANTAGE - Identifying secret data messages in a one-direction multipoint **network** with the help of identification used for the error check. It can be identified to whom or to which group a message is potentially transmitted...

Title Terms.../Index Terms/Additional Words: **NETWORK**;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Invention relates to a method for identifying secret data messages in a one-direction multipoint **network**. The identifying of the data messages is carried out with the help of identification used for the error check. With the help of invention it can be identified to...

...The invention relates to a method for identifying secret data messages in a one-direction multipoint network. The identifying of the data messages is carried out with the help of identification used for the error check. With the help of the method according to the invention it can be identified to...

Claims:

...of the data message is calculated at the transmitting end from a CRC value of the data message to be transmitted and from a unique personal CRC-identifier, and wherein a pre-identification of the secret data messages at the receiving end is carried out prior to decryption of the secret data messages by reverse calculation of the CRC identifier from the received CRC part and a CRC value, and wherein the final personal address recognition is carried out after decryption of the secret data messages by evaluating said unique personal CRC-identifier.

Procédé permettant d'identifier des messages de données secrets dans un système de transmission dans lequel un code de redondance cyclique (CRC) est utilisé pour le contrôle d'erreurs, dans lequel la partie de CRC émise du message de données est calculée au

11/3,K/113 (Item 113 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006489632 - Drawing available

WPI ACC NO: 1993-296002/199338

XRFX Acc No: N1993-228118

Radio network for cordless telephones - has PABX transmitting call signal for several subscribers, with call signal contg. characteristic of called telephone appts.

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); PHILIPS GLOEILAMPENFAB NV (PHIG); PHILIPS PATENTVERWALTUNG GMBH (PHIG); US PHILIPS CORP (PHIG)

Inventor: HOEFLINGER J; HOFLINGER J

Patent Family (8 patents, 7 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
DE 4207748	A1	19930916	DE 4207748	A	19920311	199338 B
EP 565150	A1	19931013	EP 1993200650	A	19930308	199341 E
JP 6022362	A	19940128	JP 199350524	A	19930311	199409 E
US 5450474	A	19950912	US 199325299	A	19930302	199542 E
			US 1994287051	A	19940808	
TW 283285	A	19960811	TW 1993102109	A	19930322	199701 E
EP 565150	B1	19990602	EP 1993200650	A	19930308	199926 E
DE 59309620	G	19990708	DE 59309620	A	19930308	199933 E
			EP 1993200650	A	19930308	
JP 3352747	B2	20021203	JP 199350524	A	19930311	200281 E

Priority Applications (no., kind, date): DE 4207748 A 19920311

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
DE 4207748	A1	DE	21	2	

to the establishment of the call, where the called cordless telephone is located and without need for a wide area paging transmitter.

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

In known wireless/cordless telephone networks, in which base stations of wireless/cordless telephones are connected to an exchange, a control device is provided which is connected upstream of the base stations. In order to reduce substantially the cost of implementing a wireless/cordless telephone network, it is proposed to design the exchange to transmit a call signal (broadcast call) intended for a multiplicity of subscribers, the broadcast call containing an identifier allocated to a called wireless/cordless telephone, and to provide means in the base stations which transmit an identifier contained in a broadcast call to the wireless/cordless telephones. Through adept exploitation of the command extension facility of exchanges, the function of a control device provided in conventional base stations can be integrated in the exchange...

...Prior-art radio networks constituted by cordless telephones in which the base stations of cordless telephones are connected to an exchange, comprise a control arrangement connected upstream of the base stations. To considerably reduce the circuitry and cost of a radio network constituted by cordless telephones, there is proposed that the exchange sends out a broadcast call addressed to a multiplicity of subscribers, the broadcast call containing a code assigned to a called cordless telephone and that transmitter means are provided in the base stations which send out a code contained in a broadcast call to the cordless telephones. When the command extension options of exchanges are suitably used, the function of a control arrangement in previous base stations can be integrated in the exchange without additional hardware extensions.

Claims:

...1. A radio network comprising one cordless telephones, in which base stations of cordless telephones are provided for connection to an exchange (PABX), characterized - in that a "cordless telephone" (CT) feature and a code (K1) that can be assigned to a cordless telephone (M1) are included in the call number schedule (Fig. 2) of the switching center (PABX) and in that the switching center, when a subscriber having the "cordless telephone" feature is calling, transmits the code (K1) assigned to this subscriber in the call number schedule to a plurality of subscribers (broadcast call) and - in that the base station (B1) includes an interface used for taking over a code contained in certain call signals coming in by a line and using it for the exchange of the code between the base station and

the cordless telephone (M1).

Radio network comprising: a) an exchange for producing a call, which call contains a code assigned to a called cordless telephone, b) a plurality of subscriber lines, all coupled to receive the call at the same time, c) a plurality of cordless telephones, and d) a plurality of telephone base stations, the base stations each being coupled to receive the call containing the code from the exchange via the subscriber lines, each base station having a respective range and including respective means for broadcasting the code throughout the respective range and therefore to those of the cordless telephones which are within the respective range, a respective one of the base stations thus establishing the call with the called cordless telephone when the called cordless telephone is within one of the respective ranges, so that the establishing occurs without the exchange knowing, prior to the establishment of the call, where the called cordless telephone is located and without need for a wide area paging transmitter.

11/3,K/114 (Item 114 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006389873 - Drawing available

WPI ACC NO: 1993-189963/199324

XRPX Acc No: N1993-146000

Personal mobile communications system including central pager station - uses paging stations to receive call set-up requests from public switched telephone network and broadcast requests to base stations in associated cells

Patent Assignee: NEC CORP (NIDE); NIPPON ELECTRIC CO (NIDE)

Inventor: KAGE G; KAGE K

Patent Family (20 kind, 10 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 546572	A2	19930616	EP 1992121169	A	19921211	199324 B
CA 2085268	A	19930613	CA 2085268	A	19921214	199336 E
JP 5199172	A	19930806	JP 19927636	A	19920120	199336 E
JP 5211467	A	19930820	JP 1991329097	A	19911212	199338 E
JP 5211679	A	19930820	JP 1991329098	A	19911212	199338 E
JP 5211680	A	19930820	JP 1991343603	A	19911225	199338 E
JP 5211681	A	19930820	JP 1991343602	A	19911225	199338 E
JP 5211682	A	19930820	JP 1991343605	A	19911225	199338 E
JP 6343191	A	19941213	JP 1991343604	A	19911225	199509 E
EP 546572	A3	19940518	EP 1992121169	A	19921211	199524 E
US 5463672	A	19951031	US 1992989695	A	19921214	199549 E
SG 43212	A1	19971017	SG 19965630	A	19921211	199801 E
KR 199600528	B1	19960108	KR 199224050	A	19921212	199906 E
EP 546572	B1	19990407	EP 1992121169	A	19921211	199918 E
DE 69228859	E	19990512	DE 69228859	A	19921211	199925 E
			EP 1992121169	A	19921211	
CA 2085268	C	19990720	CA 2085268	A	19921214	199948 E
JP 3077338	B2	20000814	JP 1991329098	A	19911212	200043 E
JP 3132112	B2	20010205	JP 1991343605	A	19911225	200110 E

JP 3178048	B2	20010618	JP 1991343602	A	19911225	200136	E
JP 3178049	B2	20010618	JP 1991343603	A	19911225	200136	E

Priority Applications (no., kind, date): JP 1991329097 A 19911212; JP 1991329098 A 19911212; JP 1991343602 A 19911225; JP 1991343603 A 19911225; JP 1991343604 A 19911225; JP 1991343605 A 19911225; JP 19927636 A 19920120

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 546572	A2	EN	22	22		

Regional Designated States, Original: DE FR GB NL SE

CA 2085268	A	EN				
JP 6343191	A	JA	3			
EP 546572	A3	EN				
US 5463672	A	EN	19	22		
SG 43212	A1	EN				
EP 546572	B1	EN				

Regional Designated States, Original: DE FR GB NL SE

DE 69228859	E	DE			Application EP 1992121169	
					Based on OPI patent EP 546572	

CA 2085268	C	EN				
JP 3077338	B2	JA	4		Previously issued patent	JP 05211679
JP 3132112	B2	JA	4		Previously issued patent	JP 05211682
JP 3178048	B2	JA	4		Previously issued patent	JP 05211681
JP 3178049	B2	JA	4		Previously issued patent	JP 05211680

...uses paging stations to receive call set-up requests from public switched telephone ~~network~~ and broadcast requests to base stations in associated cells

Alerting Abstract ...5-1 - 5-4) and a paging station (8) covering the cells. The paging station and base stations are connected to a public switched telephone ~~network~~ (PSTN). When a call is originated from a PSTN user (2) to a mobile user (10), the paging station receives a call set-up request...

...ADVANTAGE - Provides personal ~~mobile telephone~~ service of low cost and automatically establishes full duplex connection.

Equivalent Alerting Abstract ...mobile user address code identifying the mobile station. A number of base stations located respectively in the cells and connected to a public switched telephone ~~network~~ (PSTN). Each base station includes a device for receiving the position registration request from the mobile station and transmitting a base registration request containing the mobile user address code of the position registration request and a base station ~~identifier~~ identifying the base station via a communication path. A central station is connected to the PSTN...

...device receiving the base registration request from each base station via the communication path, and storing the mobile user address code and

the base station identifier of the base registration request into the memory...

...containing a PSTN user address code and a mobile user address code, and in response, broadcasts a call-setup signal containing a the base station identifier stored in the memory. A mobile user address code stored in the memory and the PSTN user address code of the call-setup signal from...

...Each of the base stations includes a device receiving the broadcast call-setup signal which contains the identifier of the base station, and alerting a the mobile station and transmitting the PSTN user address code of the call-setup signal to the PSTN...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...area including the zones, or cells (5-1(similar)5-4). The paging station and all base stations are connected to a public switched telephone network (PSTN). When a call is originated from a PSTN user (2) to a mobile user (10), the paging station receives a call-setup request from the...

...area including the zones, or cells (5-1(congruent)5-4). The paging station and all base stations are connected to a public switched telephone network (PSTN). When a call is originated from a PSTN user (2) to a mobile user (10), the paging station receives a call-setup request from the PSTN containing...

Claims:

...1(similar)4-4) located in respective cells (5-1(similar)5-4), each of said base stations being connected to a public switched telephone network (PSTN); and a central station (8) connected to said PSTN (1) for receiving a PSTN user address code and a mobile user address code from the PSTN (1...

...1. A mobile radio communication system comprising a plurality of base stations (4-1,..., 4-4) for interconnecting a mobile station (10) to a telephone network (1), a central paging station (8) for receiving an incoming telephone call from the network and radio broadcasting a call setup signal, each of said base stations (4) being arranged to receive the call setup signal and transmit a call to the mobile station over a radio channel, and provide a connection to the incoming telephone call...

...mobile user address code identifying the mobile station; a plurality of base stations located respectively in said cells and connected to a public switched telephone network (PSTN), each base station including means for receiving the position registration request from said mobile station and transmitting a base registration request containing the mobile user address code of the position registration request and a base station identifier identifying the base station via a communication path; and a central station connected to said PSTN and including: memory; means for

receiving the base registration request from each base station via said communication path, and storing the mobile user address code and the base station identifier of the base registration request into said memory; and means for receiving from said PSTN a first call-setup signal containing a PSTN user address code and a mobile user address code, and in response, broadcasting a call-setup signal containing a said base station identifier stored in said memory, a said mobile user address code stored in said memory and the PSTN user address code of the call-setup signal from the PSTN in an area covering said plurality of said cells if there is a match between the mobile user address code of the...

...mobile user address code stored in said memory, each of said base stations including means for receiving the broadcast call-setup signal which contains the identifier of the base station, and alerting a said mobile station and transmitting the PSTN user address code of the call-setup signal to the PSTN when the alerted mobile station returns a response signal.

11/3,K/115 (Item 115 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0006383275 - Drawing available
 WPI ACC NO: 1993-182819/199322
 XRPX Acc No: NI1993-140536
 Personal location and call forwarding in computer controlled PBX - reads in codes of subscriber carried personal identifiers at each telephone extension and stores present locations of each identifier
 Patent Assignee: LIGHT IDEAS INC (LIGH-N)
 Inventor: IGGUIDEN J R; IGGULDEN J R; STRECK D A
 Patent Family (2 patents, 43 countries)
 Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1993010616	A1	19930527	WO 1992US5955	A	19920716	199322 B
AU 199223783	A	19930615	AU 199223783	A	19920716	199340 E

Priority Applications (no., kind, date): US 1991795887 A 19911120; US 1992861277 A 19920331

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1993010616	A1	EN	67	19		

National Designated States,Original: AT AU BB BG BR CA CH CS DE DK ES FI GB HU JP KP KR LK LU MG MN MW NL NO PL RO RU SD SE
 Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IT LU MC NL OA SE
 AU 199223783 A EN Based on OPI patent WO 1993010616

...reads in codes of subscriber carried personal identifiers at each telephone extension and stores present locations of each identifier

Alerting Abstract ...The personal locator appts. includes transmitting beacons carried by subscribers as personal identifiers, with a unique code. Detector logic circuits forward codes read by code

readers associated with locations at which there is a telephone extension, to central control and switching logic...

...A beacon logic table, associated with the central control and switching logic, stores information about the telephone extensions and locations of personal identifiers. Beacon logic stores the present personal identifier locations and automatically forwards calls for selected telephone extensions to the extension associated with the location to which the call has moved...

...USE/ADVANTAGE - for incorporating silent pager and advising user of incoming cellular telephone calls. Allows individual subscribers to be located automatically. Locations can be recorded to track personnel movements. Call forwarding lock-out provided at key locations. Extends in-use battery life of cellular telephones.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...of respective ones of a plurality of users. The apparatus can be used to provide automatic recipient location switching in PBX type telephone systems (32), cellular telephone systems, and wide area computer networks. It also provides personnel location information. Each user-carried device may be a transmitting IR beacon, a passive reflecting IR beacon, or a readable device which...

...register the user's location. The user-carried devices can also incorporate silent paging apparatus and can be used to advise a user of incoming cellular telephone calls so as to extend the in-use battery life of cellular telephones (40).

Claims:

11/3,K/116 (Item 116 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006276150 - Drawing available

WPI ACC NO: 1993-069016/199309

XRPX Acc No: N1993-052974

Telephone with abbreviated international dialling in multi-national mobile phone network - distinguishes codes and prefixes assigned to identify various parameters including originating and destination country of call for storage in telephone

Patent Assignee: NOKIA MATKAPUHELIMET OY (OYNO); NOKIA MOBILE PHONES LTD (OYNO)

Inventor: SUOMINEN T

Patent Family (6 patents, 3 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
EP 530010	A2	19930303	EP 1992307771	A	19920826	199309 B
FI 199104048	A	19930301	FI 19914048	A	19910828	199324 E
EP 530010	A3	19930908	EP 1992307771	A	19920826	199509 E

FI 94702	B	19950630	FI 19914048	A	19910828	199532	E
EP 530010	B1	19980520	EP 1992307771	A	19920826	199824	E
DE 69225547	E	19980625	DE 69225547	A	19920826	199831	E
			EP 1992307771	A	19920826		

Priority Applications (no., kind, date): FI 19914048 A 19910828

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 530010	A2	EN	8	3		
Regional Designated States, Original: DE FR GB SE						
EP 530010	A3	EN				
FI 94702	B	FI			Previously issued patent	FI 9104048
EP 530010	B1	EN				
Regional Designated States, Original: DE FR GB SE						
DE 69225547	E	DE			Application EP 1992307771	
					Based on OPI patent	EP 530010

Telephone with abbreviated international dialling in multi-national mobile phone network -

Alerting Abstract ...telephone distinguishes an international prefix U, a country code M, a trunk prefix K and a subscriber number T of an entered telephone number. An identifier C is assigned to the destination company...

...The entered number is stored as C+T for countries within the common network area. Values for C, U, M and K for each country in a group are correlated. On retrieval of the number T, appropriate numbers derived from the correlating device are prefixed to it dependent on the country identifier C relative to the country where the telephone is registered at time of use...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A telephone which facilitates abbreviated international dialling in a multinational mobile phone network. The telephone is adapted to distinguish an international prefix U, a country code M, a trunk prefix K, and a subscriber number T of a telephone number entered for storing in the telephone. The entered number is assigned a country indicator C, and the number is stored in the abbreviated dialling memory in the modified form C+T for countries within the network area, and in the form C+M+T for countries outside the network area. When a telephone number is retrieved from the abbreviated dialling memory appropriate numbers obtained from a look-up table are prefixed to the subscriber number T determined by...

...i) K in the case of a domestic call, (ii) U+M in the case of an international call to a country within the common network area. In the case of countries outside the common network area the country indicator C is replaced by the international prefix U whereby

the number retrieved is modified to U+M+T. A country-specific identifier C1...Cn is assigned to a telephone number for destinations within the common network area, and a single common identifier Cx is assigned to a telephone number for all destination countries outside the common network area.

Claims:

1. A telephone for use in a common mobile telephone network extending over a group of countries, comprising
 an abbreviated dialling memory,</br> means for entering and retrieving telephone
 numbers into and from said abbreviated dialling memory,</br> the telephone...

...international prefix U, a country code M, a trunk prefix K, and a subscriber number T of an entered telephone number,</br> means for assigning an identifier C indicative of the destination country of the entered number, the entered number being stored in the abbreviated dialling memory in the modified form C+T for countries within the common network area,</br> means for correlating the respective values of C, U, M, and K for each country of said group,</br> wherein in response to the retrieval of a subscriber number T from the abbreviated dialling memory appropriate numbers...

...1. A telephone for use in a common mobile telephone network extending over a group of countries, comprising
 an abbreviated dialling memory,</br> means for entering and retrieving telephone numbers into and from said abbreviated dialling memory,</br> characterised by the telephone being adapted to distinguish an international prefix U, a country code M, a trunk prefix K, and a subscriber number T of an entered telephone number,</br> means for assigning an identifier C indicative of the destination country of the entered number, the entered number being stored in the abbreviated dialling memory in the modified form C+T for countries within the common network area,</br> means for correlating the respective values of C, U, M, and K for each country of said group,</br> wherein in response to the retrieval of a subscriber number T from the abbreviated dialling memory appropriate numbers derived from the correlating means are prefixed to the subscriber number T dependant on the associated country indicator C relative to the country in which the...

11/3,K/117 (Item 117 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0005451382 - Drawing available
WPI ACC NO: 1991-051447/199107
Related WPI Acc No: 1992-065179
XRPX Acc No: N1991-039813

Authentication and protection of cellular telephone subscribers
- provides protection for subscribers against unauthorised detection of their identifiers using encryption and call sequencing techniques
Patent Assignee: MOTOROLA INC (MOTI)
Inventor: FLANDERS M B; PUHL L C
Patent Family (5 patents, 17 countries)
Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1991001067	A	19910124	WO 1990US3290	A	19900614	199107 B
AU 199060347	A	19910206				199119 E
JP 5503816	W	19930617	JP 1990510364	A	19900614	199329 E
			WO 1990US3290	A	19900614	
IL 94467	A	19951231	IL 94467	A	19900522	199614 E
CA 2063447	C	19970325	CA 2063447	A	19900614	199724 E

Priority Applications (no., kind, date): US 1989378721 A 19890712

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1991001067	A	EN				
National Designated States,Original:					AU CA JP KR	
Regional Designated States,Original:					AT BE CH DE DK ES FR GB IT LU NL SE	
JP 5503816	W	JA			PCT Application	WO 1990US3290
					Based on OPI patent	WO 1991001067
IL 94467	A	EN				
CA 2063447	C	EN				

Authentication and protection of cellular telephone subscribers

...

...provides protection for subscribers against unauthorized detection of their identifiers using encryption and call sequencing techniques

Alerting Abstract ...During an authentication request (29) the subscriber's unit enciphers its serial number (32) before transmission (35) using the called number (30) and PIN (31) as keys, and this forms part of the ARM message (35...)

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

Radio frequency based cellular telecommunication systems often require a subscriber to maintain a proprietary identifier or serial number which is transmitted to a fixed network communication unit to verify the authenticity of the subscriber. Unauthorized detection of these proprietary ID's is substantially decreased by this invention. This invention describes an enciphering method and call sequencing method, which when combined, provides substantial protection for the subscriber against unauthorized detection of their proprietary identifiers. >

Claims:

11/3,K/118 (Item 118 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0005417905 - Drawing available
 WPI ACC NO: 1991-016258/199103
 XRPX Acc No: N1991-012550
 Mobile communications system with base station - connected to switch

telecommunications network uses both frame sync. and identifier
 in case identifier gives false frame sync
 Patent Assignee: NEC CORP (NIDE); NIPPON ELECTRIC CO (NIDE)
 Inventor: SAEGUSA N; SAEGUSA S
 Patent Family (7 patents, 6 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
EP 408026	A	19910116	EP 1990113332	A	19900712	199103 B
JP 3045029	A	19910226	JP 1989181507	A	19890713	199114 E
US 5109393	A	19920428	US 1990552777	A	19900713	199220 E
EP 408026	A3	19920325	EP 1990113332	A	19900712	199327 E
KR 199310839	B1	19931112	KR 199010645	A	19900713	199439 E
EP 408026	B1	19941019	EP 1990113332	A	19900712	199440 E
DE 69013417	E	19941124	DE 69013417	A	19900712	199501 E
			EP 1990113332	A	19900712	

Priority Applications (no., kind, date): JP 1989181507 A 19890713

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 408026	A	EN				
Regional Designated States, Original: DE FR GB NL SE						
US 5109393	A	EN	10			
EP 408026	A3	EN				
EP 408026	B1	EN	16	4		
Regional Designated States, Original: DE FR GB NL SE						
DE 69013417	E	DE			Application	EP 1990113332
						Based on OPI patent EP 408026

...connected to switch telecommunications network uses both frame
 sync. and identifier in case identifier gives false frame sync

Original Titles:

...CORDLESS TELEPHONE SYSTEM

Alerting Abstract ...same way in a second buffer. If the decoded version
 of the sequence in the triggered buffer matches the stored version of a
 user's identifier a signal is sent to indicate that the request is
 accepted. The identifiers are unique and the frame sync common...
 ...ADVANTAGE - The double buffering avoids problems caused by the
 identifier having frame sync as part of it.

Equivalent Alerting Abstract ...a control channel to monitor call status
 and detect a call request from a mobile station containing a frame sync and
 an encoded user's identifier. A successive bit sequence of the call
 request signal is stored in two buffers. A first count value is derived to
 represent a count of...

...sequence in the triggered buffer is loaded into a decoder in which it is
 decoded and checked against a stored version of the user's identifier
 . If there is a match between them, a signal is transmitted to the mobile
 station indicating that the call request is accepted...

Title Terms.../Index Terms/Additional Words: NETWORK;

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...a control channel to monitor call status and detect a call request from a mobile station containing a frame sync and an encoded user's identifier. A successive bit sequence of the call request signal is stored into first and second buffers (13, 14). A first count value (11) is derived to represent a count...

...bit sequence in the triggered buffer is loaded into a decoder in which it is decoded and checked against a stored version of user's identifier. If there is a match between them, a signal is transmitted to the mobile station indicating that the call request is accepted. In a modified embodiment, a single buffer...

...a control channel to monitor call status and detect a call request from a mobile station containing a frame sync and an encoded user's identifier. A successive bit sequence of the call request signal is stored into first and second buffers. A first count value is derived to represent a count of bits stored into the first buffer substantially...

...sequence in the triggered buffer is loaded into a decoder in which it is decoded and checked against a stored version of the user's identifier. If there is a match between them, a signal is transmitted to the mobile station indicating that the call request is accepted. In a modified embodiment, a single buffer is provided and a count...

Claims:

...A mobile communications system including a base station (1) and one or more mobile stations (6), said base station being connected to a switched telecommunication network, said base station comprising: transceiver means (3) for establishing speech channels with said mobile stations (6) for carrying information signals between said mobile stations and said switched telecommunication network and a control channel for carrying a control signal between said base station and said mobile stations, said transceiver means sequentially scanning said speech channels and said...

...of calls and detecting a control signal transmitted from said mobile stations, said control signal containing a sync field containing a sync code of a unique format, and an identification field containing an encoded mobile station's identification code which follows said sync field and may undesirably contain a code identical to said unique format; sync detector...

...same way in a second buffer. If the decoded version of the sequence in the triggered buffer matches the stored version of a user's identifier a signal is sent to indicate that the request is accepted. The identifiers are unique and the frame sync common

...A mobile communications system including a base station (1) and one or more mobile stations (6), said base station being connected to a switched telecommunication network, said base station comprising: transceiver means (3) for establishing speech channels with said mobile stations (6) for carrying information signals between said mobile

stations and said switched telecommunication network and a control channel for carrying a control signal between said base station and said mobile stations, said transceiver means sequentially scanning said speech channels and said control channel for monitoring status of calls and detecting a control signal transmitted from said mobile stations, said control signal containing a sync field containing a sync code of a unique format, and an identification field containing an encoded mobile station's identification code which follows said sync field and may undesirably contain a code identical to said unique format;

sync detector means (7,8,9) for detecting a code identical to said unique format and deriving therefrom an output signal;

first buffer means (13) for...

11/3,K/119 (Item 119 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0002712531

WPI ACC NO: 1983-A0720K/198301

Related WPI Acc No: 1985-171228; 1988-316374; 1989-025697; 1988-316375

Digital data processing system with multilevel internal mechanism - has flexible structure protected from user, and control and stack appts. for multiple concurrent operations

Patent Assignee: DATA GENERAL CORP (DATG)

Inventor: AHLSTROM J K; BACHMAN B L; BELGARD R A; BERNSTEIN D H; BRATT R G; BRETT; CLANCY G F; CRAIG J M; DAVID; DOUGLAS; EDWARD; FARBER D A; GAVRIN E S; GAVRIN F S; GERALD; GRUNER R H; HOUSEMAN D L; JOHN; JONES T M; KATZ L H; LAWRENCE; MICHAEL; MUNDIE C J; PILAT J F; RICHARD; RICHARD G B; RICHMOND M S; RONALD H G; SCHLEIMER S I; THOMAS; WALLACH S J; WALLACH W A; WALTER; WELLS D M

Patent Family (22 patents, 16 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
EP 67556	A	19821222	EP 1982302596	A	19820521	198301 B
BR 198202956	A	19830503				198324 E
CA 1173172	A	19840821				198438 E
CA 1174766	A	19840918				198442 E
CA 1174767	A	19840918				198442 E
CA 1174768	A	19840918				198442 E
CA 1178714	A	19841127				198501 E
CA 1179063	A	19841204				198502 E
US 4493023	A	19850108	US 1981266403	A	19810522	198504 E
			US 1981266409	A	19810522	
			US 1981266415	A	19810522	
			US 1981266421	A	19810522	
			US 1981266424	A	19810522	
			US 1981266524	A	19810522	
			US 1981266539	A	19810522	
US 4498131	A	19850205	US 1981266408	A	19810522	198508 E
			US 1981266409	A	19810522	
			US 1981266415	A	19810522	
			US 1981266421	A	19810522	
			US 1981266424	A	19810522	
			US 1981266524	A	19810522	
			US 1981266539	A	19810522	

US 4498132	A	19850205	US 1981266409	A	19810522	198508	E
			US 1981266413	A	19810522		
			US 1981266415	A	19810522		
			US 1981266421	A	19810522		
			US 1981266424	A	19810522		
			US 1981266524	A	19810522		
			US 1981266539	A	19810522		
US 4513368	A	19850423	US 1981266409	A	19810522	198519	E
			US 1981266414	A	19810522		
			US 1981266415	A	19810522		
			US 1981266421	A	19810522		
			US 1981266424	A	19810522		
			US 1981266524	A	19810522		
			US 1981266539	A	19810522		
US 4517642	A	19850514	US 1981266409	A	19810522	198522	E
			US 1981266415	A	19810522		
			US 1981266421	A	19810522		
			US 1981266424	A	19810522		
			US 1981266521	A	19810522		
			US 1981266524	A	19810522		
			US 1981266539	A	19810522		
US 4532586	A	19850730	US 1981266401	A	19810522	198533	E
			US 1981266409	A	19810522		
			US 1981266415	A	19810522		
			US 1981266421	A	19810522		
			US 1981266424	A	19810522		
			US 1981266524	A	19810522		
			US 1981266539	A	19810522		
IL 65123	A	19850630				198538	E
AU 198661580	A	19861211				198704	E
US 4656579	A	19870407	US 1981266409	A	19810522	198716	E
			US 1981266415	A	19810522		
			US 1981266421	A	19810522		
			US 1981266424	A	19810522		
			US 1981266524	A	19810522		
			US 1981266539	A	19810522		
			US 1985699240	A	19850208		
EP 67556	B	19900418	EP 1982302596	A	19820521	199016	E
DE 3280152	G	19900523				199022	E
JP 8263284	A	19961011	JP 199483891	A	19820521	199651	E
			JP 1995266761	A	19820521		
JP 8263305	A	19961011	JP 199483891	A	19820521	199651	E
			JP 1995266763	A	19820521		
JP 8278917	A	19961022	JP 199483891	A	19820521	199701	E
			JP 1995266762	A	19820521		

Priority Applications (no., kind, date): US 1981266401 A 19810522; US 1981266403 A 19810522; US 1981266404 A 19810522; US 1981266408 A 19810522; US 1981266409 A 19810522; US 1981266413 A 19810522; US 1981266414 A 19810522; US 1981266415 A 19810522; US 1981266421 A 19810522; US 1981266424 A 19810522; US 1981266524 A 19810522; US 1981266521 A 19810522; US 1981266532 A 19810522; US 1985699240 A 19850208

Patent Details
 Number Kind Lan Pg Dwg Filing Notes

EP 67556	A	EN	861	
Regional Designated States,Original: BE CH DE FR GB IT LI LU NL SE				
BR 198202956	A	PT		
CA 1173172	A	EN		
CA 1174766	A	EN		
CA 1174767	A	EN		
CA 1174768	A	EN		
CA 1178714	A	EN		
CA 1179063	A	EN		
IL 65123	A	EN		
EP 67556	B	EN		
Regional Designated States,Original: AT BE CH DE FR GB IT LI LU NL SE				
JP 8263284	A	JA	304	Division of application JP 199483891
JP 8263305	A	JA	304	Division of application JP 199483891
JP 8278917	A	JA	304	Division of application JP 199483891

Alerting Abstract ...The system provides an addressing mechanism allowing permanent and unique identification of all information generated for use in or by operation of the system, and an extremely large address space which is accessible to and common...

Equivalent Alerting Abstract ...Addressing mechanisms allow permanent, unique identification of information and an extremely large address space accessible and common to all such systems. Addresses are independent of system physical configuration. Information is identified...

...The digital data processing system has a memory organised into objects containing at least operands and instructions. Each object is identified by a unique and permanent identifier code which identifies the data processing system and the object. The system uses unique addressing mechanisms the addresses of which have object field, offset fields and...

...The digital data processing system has a memory organised into objects containing at least operands and instructions. Each object is identified by a unique and permanent identifier code which identifies the data processing system and the object. The system further uses multilevel microcode techniques for controlling sequences of microinstructions and for controlling the...USE - In large interconnected networks with many memory devices and mass storage devices. (5pp)a ...logical address of data items represented by the names. universal memory includes. The memory organiser organises the universal memory into objects permanently identified by unique identifiers. Each data item is contained in an object and is addressable by a logical address and comprises data specifying the unique identifier identifying the object and the location of the data item in the identified object...

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

...execute unit (10122) and the fetch unit structures operands and instructions into objects. The fetch unit includes a register address generator generating unique and permanent identifier codes for the objects. The memory (10112) includes sections storing procedure objects, including a name table providing the operand addresses in the memory. The memory (10112) also includes protection tables for preventing a user obtaining access to objects private to others. The protection tables operate in association with a protection cache in the fetch unit (10120) and an active subject number register which stores a currently active number identifying the...

...control and comprised of a plurality of independently operating, microinstruction controlled processors capable of performing multiple, concurrent memory and communications operations. Addressing mechanisms allow permanent, unique identification of information and an extremely large address space accessible and common to all such systems. Addresses are independent of system physical configuration. Information is identified to bit granular level and to information type and format. Protection...

...A digital data processing system has a memory organized into objects containing at least operands and instructions. Each object is identified by a unique and permanent identifier code which identifies the data processing system and the object. The system utilizes unique addressing mechanisms the addresses of which have object fields, offset fields and length fields for specifying the location and the total number of bits of an addressed object...

...A digital data processing system has a memory organized into objects containing at least operands and instructions. Each object is identified by a unique and permanent identifier code which identifies the data processing system and the object. The system further uses multilevel microcode techniques for controlling sequences of microinstructions and for controlling the interval operations of the processor. The system uses a protection technique to prevent unauthorized access to objects by users who are ...an offset indicating how far into that block a desired data item begins, and a length field denoting the length of the desired data item. Separate means exist for manipulating each of the three descriptor portions, thus facilitating repetitive operations on related or contiguous operands. Various levels of microcode control are included. Each level...

...system having a memory system organized into objects for storing items of information and a processor for processing data in response to instructions. An object identifier code is associated with each object. The objects include procedure objects and data objects. The procedure objects contain procedures including the instructions and name tables associated with the procedures. The instructions contain operation codes and names representing data. Each name corresponds to a name table entry in the name table associated with the procedure. The name table for a name contains information from which the processor may determine the location...

Claims:

11/3,K/120 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO
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09440997 **Image available**
AUTHENTICATION METHOD IN COMPUTER NETWORK

PUB. NO.: 2008-146363 [JP 2008146363 A]
PUBLISHED: June 26, 2008 (20080626)
INVENTOR(s): FUJIKAWA HIROYUKI
APPLICANT(s): NIFTY CORP
APPL. NO.: 2006-332927 [JP 2006332927]
FILED: December 11, 2006 (20061211)

AUTHENTICATION METHOD IN COMPUTER NETWORK

ABSTRACT

... TO BE SOLVED: To provide an authentication method for authenticating a user without forcing the user to memorize a complicated ID or password.

SOLUTION: The individual identification information of a portable telephone carried by each member is stored so as to be associated with each ID into a DB 35 for portable telephone authentication. When the use of a service is requested from a user PC 5, a host program 15 for a service generates an unique identifier, and stores the identifier into a memory 12, and converts the URL of a host computer 2 for authentication including the identifier as a parameter into a QR code, and transmits it to a user PC 5. When a request source member decodes this QR code into URL, and performs access to the URL, an HTTP request message including URL including the identifier and an HTTP request message including the individual identification information of the user portable telephone is transmitted to a host computer 2 for authentication, and the individual identification information in the message is authenticated based on the DB 35 for portable telephone authentication, and reported to a host computer 1 for a service.

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11/3,K/121 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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09380681 **Image available**
SYSTEM AND METHOD FOR USING TEMPORARY ELECTRONIC SERIAL NUMBER
FOR OVER-THE-AIR ACTIVATION OF MOBILE DEVICE

PUB. NO.: 2008-086046 [JP 2008086046 A]
PUBLISHED: April 10, 2008 (20080410)
INVENTOR(s): SHIEH HUGH
 WONG GREG A
APPLICANT(s): AT & T MOBILITY II LLC
APPL. NO.: 2007-316749 [JP 2007316749]
 Division of 2002-558719 [JP 2002558719]
FILED: December 07, 2007 (20071207)

PRIORITY: 00 707593 [US 2000707593], US (United States of America),
November 07, 2000 (20001107)

SYSTEM AND METHOD FOR USING TEMPORARY ELECTRONIC SERIAL NUMBER
FOR OVER-THE-AIR ACTIVATION OF MOBILE DEVICE

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system and method for activating a subscriber identification module (SIM) based mobile device in a PCS/ANSI type wireless network.

SOLUTION: The method comprises pre-programming the SIM card of the mobile device (10) with temporary activation identifiers (20), such as an international mobile station identity (IMSI) and/or a mobile identification number (MIN), and a temporary electronic serial number. The temporary electronic serial number, rather than the mobile device actual electronic serial number, is used to identify the mobile device (10) during registration and activation. The network identifies the temporary electronic serial number associated with the SIM vendor and invokes an over-the-air activation procedure especially for the SIM card mobile devices. A SIM-over-the-air-activation processor (122) is notified to perform the activation for that mobile device (10) on the PCS wireless network.

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11/3,K/122 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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08262606 **Image available**

DATABASE FOR DISPLAY BY DATA GENERATION WITH ID AS TRIGGER, AND SYSTEM

PUB. NO.: 2005-010866 [JP 2005010866 A]
PUBLISHED: January 13, 2005 (20050113)
INVENTOR(s): DAIMATSU SHIGENAO
APPLICANT(s): DAIMATSU SHIGENAO
APPL. NO.: 2003-171364 [JP 2003171364]
FILED: June 16, 2003 (20030616)

ABSTRACT

... data of articles or intangible objects are referred to on a browser by associating a data display file such as HTML or XML with an identifier, and preparing it as a resource in a server, or preparing the display file at a server at link destination based on URL for link.

SOLUTION: Attribute data are structurally arrayed based on time series or every location from elements such as time or locations, and one or more elements such as time or locations are associated with an identifier

having unique ID such as an ID tag by using relevant data as a call key in a batch, and when the identifier is read from a terminal, the ID of the identifier is used as a call signal to a database such

as SQL to a server, and it is associated with the call key. Thus, it is possible to generate and display a data display file on a browser at a display request destination such as C-HTML in the case of, for example, a portable telephone.

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11/3,K/123 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
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08229148 **Image available**
ONLINE BOOKMARK SERVICE PROVIDING SYSTEM, PORTABLE BOOKMARK
DEVICE, USER TERMINAL, AND ONLINE BOOKMARK SERVICE USING PROGRAM

PUB. NO.: 2004-341908 [JP 2004341908 A]
PUBLISHED: December 02, 2004 (20041202)
INVENTOR(s): NAKAGAWA TOSHIO
NAKAOKA NORIYUKI
YAMAMOTO MAKOTO
APPLICANT(s): NIPPON HOSO KYOKAI (NHK)
APPL. NO.: 2003-138865 [JP 2003138865]
FILED: May 16, 2003 (20030516)

ONLINE BOOKMARK SERVICE PROVIDING SYSTEM, PORTABLE BOOKMARK
DEVICE, USER TERMINAL, AND ONLINE BOOKMARK SERVICE USING PROGRAM

ABSTRACT

...to easily use online bookmark service.

SOLUTION: The online bookmark service providing system comprises a user terminal for displaying/reproducing a content provided onto a network and a service providing system for managing a bookmark. This system has a portable bookmark device for transmitting unique identification information to the user terminal. The user terminal records the unique identification information received from the portable bookmark device, specifies the identifier of a content displayed/reproduced when it receives a registration request signal for requesting registration of the displayed/reproduced content as a bookmark, transmits the recorded unique identification information and the identifier of the content to the service providing system, and displays its registration in the service providing system.

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11/3,K/124 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
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08100681 **Image available**
PERSONAL IDENTIFICATION METHOD AND MANAGEMENT METHOD THEREFOR

PUB. NO.: 2004-213440 [JP 2004213440 A]

PUBLISHED: July 29, 2004 (20040729)
INVENTOR(s): YOKOYAMA KENGO
APPLICANT(s): STAR BEACH KK
APPL. NO.: 2003-000836 [JP 2003836]
FILED: January 07, 2003 (20030107)

ABSTRACT

PROBLEM TO BE SOLVED: To realize authentication of a user of commercial transaction with a simplified method using a **cellular phone**, and the like; to perform the user management easily using an outcome of the authentication.

SOLUTION: The method is for performing personal identification in an authentication system site for providing the authentication function in which an HTML format authentication link including a **user identifier** is arranged on a URL for the authentication designated by the authentication site, a **cellular phone number** for an individual requesting the authentication is inputted on a CTI authentication server and a **registered phone number** is transmitted, the **registered phone number** is inputted to an authentication Web and compared with the **registered personal phone number**. The individual is authenticated by the method, the authenticated phone number is converted to a character string with conversion algorithm, and an individual user is managed by the **cellular phone number**.

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11/3,K/125 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
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05515977 **Image available**
VIDEO RESPONSE SERVICE SYSTEM

PUB. NO.: 09-130777 [JP 9130777 A]
PUBLISHED: May 16, 1997 (19970516)
INVENTOR(s): KATAYAMA YASUKO
HASHIMOTO KOICHI
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-287211 [JP 95287211]
FILED: November 06, 1995 (19951106)

ABSTRACT

...SOLVED: To allow the system to acquire simply the result of logging processing of response data in addition to verification data by adding a **user identifier** and a **program identifier** to the response data so as to relate the response data sent to a response service to the viewer verification data...

...SOLUTION: A specific **program identifier** is decided for a 2-way television program. Furthermore, A **user identifier** is decided for each of 2-way television receivers 2-1 to 2-n and **personal identification information** of each user is **registered** to an

identification information database 5 installed in a response server 3 set in advance corresponding to the user identifier. The user identifier extracted from transmission data sent from a 2-way television receiver 2 is used for a key, personal verification information of the user being an object from the identification information database is extracted and the extracted identification data are field for each of the same response data. The response data and the verification information are related by the response server 3.

11/3,K/126 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
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08356184

Title: Rapid access protocols for discontinuous transmission in DS-CDMA systems

Authors(s): Songsong Sun; Witold Krzymien; Qiang Shen; Bahman Darian

Author Affiliation: Conexant Syst., Irving, TX, USA

Journal: Wireless Personal Communications, vol.21, no.2, pp.201-18

Publisher: Kluwer Academic Publishers

Country of Publication: Netherlands

Publication Date: May 2002

ISSN: 0929-6212

SICI: 0929-6212(200205)21:2L:201:RAPD;1-L

CODEN: WPCOFW

Language: English

Subfile(s): B (Electrical & Electronic Engineering)

INSPEC Update Issue: 2002-033

Copyright: 2002, IEE

Abstract: ...an asynchronous approach (ADTX-AP) with a spread slotted ALOHA protocol for access requests; access request messages consist of a synchronizing preamble and a user identifier appendix. The third one employs a synchronous structure of overlapping slots, offset in time by a minimum interval (mini-slot) necessary to enable resolution of overlapping access probes sent by different mobile users (MSDTX-AP). Instead of using different spreading codes for different mobile transmitters, all transmitters are assigned the same spreading code to send their access request messages on the access reservation channel. Analysis considers the mean access delay and throughput of the protocols in a multipath...

Descriptors: code division multiple access; data communication; fading channels; multipath channels; packet radio networks; personal communication networks; spread spectrum communication; synchronisation; telecommunication traffic

Identifiers: rapid access protocols; discontinuous transmission; DS-CDMA systems; reverse link access protocols; DTX; personal communication systems; SDTX-AP; synchronous reservation channel; time slotted frame structure; asynchronous approach; ADTX-AP; spread slotted ALOHA; synchronizing preamble; user identifier appendix; overlapping slots; mini-slot; MSDTX-AP; mobile transmitters; spreading codes; mean access delay; throughput; multipath fading channel; offered traffic; packet data transmission

[Insert]

IV. Text Search Results from Dialog

A. Abstract Databases

? show files;ds
File 15:ABI/Inform(R) 1971-2009/Aug 03
(c) 2009 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2009/Jul 10
(c) 2009 Gale/Cengage
File 148:Gale Group Trade & Industry DB 1976-2009/Jul 17
(c) 2009 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2009/Jul 06
(c) 2009 Gale/Cengage
File 621:Gale Group New Prod. Annou. (R) 1985-2009/Jun 26
(c) 2009 Gale/Cengage
File 9:Business & Industry(R) Jul/1994-2009/Aug 03
(c) 2009 Gale/Cengage
File 20:Dialog Global Reporter 1997-2009/Aug 04
(c) 2009 Dialog
File 610:Business Wire 1999-2009/Aug 04
(c) 2009 Business Wire.
File 613:PR Newswire 1999-2009/Aug 04
(c) 2009 PR Newswire Association Inc
File 24:CSA Life Sciences Abstracts 1966-2009/Jul
(c) 2009 CSA.
File 634:San Jose Mercury Jun 1985-2009/Jul 31
(c) 2009 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2009/Jul 10
(c) 2009 Gale/Cengage
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 13:BAMP 2009/Aug 03
(c) 2009 Gale/Cengage
File 75:TGG Management Contents(R) 86-2009/Jul W1
(c) 2009 Gale/Cengage
File 95:TEME-Technology & Management 1989-2009/Jul W2
(c) 2009 FIZ TECHNIK
File 348:EUROPEAN PATENTS 1978-200931
(c) 2009 European Patent Office
File 349:PCT FULLTEXT 1979-2009/UB=20090716|UT=20090709
(c) 2009 WIPO/Thomson

Set	Items	Description
S1	3248815	BLACKBERRY OR BLUETOOTH OR (CELL OR CELLULAR OR CORDLESS OR WIRELESS OR HANDHELD OR HANDHELDS OR HAND() (HELD OR HELDS) OR MOBILE OR PORTABLE OR SMART) () (PHONE OR PHONES OR UNIT OR UNITS OR DEVICE OR DEVICES OR APPARATUS OR APPTS OR TELEPHONE OR TELEPHONES OR FONE OR FONES)
S2	910276	CELLPHONE? ? OR CELLULARPHONE? ? OR HANDHELD? ? OR HAND() (-

HELD OR HELDS OR SPRING) OR HANDSPRING OR HANDSPRINGS OR MOBILEPHONE? ? OR PALMTOP OR PALMTOPS OR PALM() (PILOT OR PILOTS OR TOP OR TOPS OR VII)

S3 2509806 PCS OR PDA OR PDAS OR (PERSONAL OR PRIVATE OR PORTABLE) (2N-) (DIGITAL OR DATA OR INFORMATION OR ASSISTANT OR ASSISTANTS OR ORGANIZER OR ORGANIZERS OR DEVICE OR DEVICES OR ACCESS)

S4 22437477 SERVER? OR CLIENT? OR GATEWAY? OR GATE()WAY? OR HTTP()REQUEST OR NETWORK?

S5 484162 COOKIE? ? OR MONITORING()AGENT? ? OR PERSISTENT()STATE() (OBJECT OR DATA) OR WEBBUG OR WEB() (BUG OR BEACON) OR IDENTIFIER? ?

S6 388809 (SEPARATE? OR UNIQUE? OR INDIVIDUAL OR MACHINE()GENERATED - OR ASSIGNED OR REGISTRATION OR REGISTERED) (3W) (IDENTIFIER? ? OR ID OR IDS OR IDENTIFICATION OR CODE OR NUMBER? ?) OR SERIAL(-)NUMBER? ?

S7 2225 (S1:S3) (60N) S4 (60N) S5 (60N) S6

S8 1921 S7 FROM 348,349

S9 304 S7 NOT S8

S10 409 S8 AND (S1:S3) (2W) NUMBER? ?

S11 46 S10 NOT AY>2000

S12 126 S9 NOT PY>2000

S13 82 RD (unique items)

S14 172 S11 OR S12

? t14/3,k/all

14/3,K/1 (Item 1 from file: 15)
 DIALOG(R)File 15:ABI/Inform(R)
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06301264 13918432
 Technology helps secure role of personal communications
 Begley, David
 Microwaves & RF v36n5 PP: 45 May 1997
 ISSN: 0745-2993 JRNL CODE: STRF
 WORD COUNT: 1519

...TEXT: incurring the costs of erecting an IS-136 base station," says Chris Morton, president of the Systems Division.

PROVIDING SECURITY

Ever since the introduction of cellular phones, the illegal activity of falsely charging cellular-phone calls, known as cloning, has also occurred. This cloning problem amounted to \$650 million in 1996. Cloners can get stolen phone and serial number combinations from the airwaves and program them into other cellular phones, creating cloned phones with unlimited free calling. Luckily, new technology is being developed to stop cloning activities.

Synacom Technology, Inc. (San Jose, CA) has developed the CloneSafe system for cellular and PCS mobile phones. The system consists of a Validator, a Secure A-Key Management System (SAMS)), and a Secure Authentication Center (SACs). The Validator performs secure programming of the authentication key (A-key) into the mobile phone at the retail point of sale. It reads the electronic serial number (ESN) from the mobile phone and sends it to the SAMS. The SAMS generates a

new, random A-key based upon the ESN and responds to the Validator, which then programs the A-key directly and securely into the mobile phone. Communication between the Validator and the SAMS is over public-switched-telephone-network (PTSN) lines using secure encrypted modems. The entire process only takes seconds...

...pre-programmed A-keys from an external media source or via an electronic data interchange link.

Synacom's stand-alone CloneSafe SAC, which can authenticate mobile phones even for roaming subscribers, will be available this July. A single CloneSafe SAC can serve multiple home-location registers or markets, providing a centralized...

...developed a standard test plan for manufacturers, service providers, signaling network operators, and others to test equipment in order to ensure that cellular and PCS networks deploy compatible authentication functions.

The cloning problem has even reached the ears of the US Government. US Senator Jon Kyl (R-Arizona) has introduced legislation...

14/3,K/2 (Item 2 from file: 15)
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05671560 13918432
Technology helps secure role of personal communications
Begley, David
Microwaves & RF v36n5 PP: 45 May 1997
ISSN: 0745-2993 JRNL CODE: STRF
WORD COUNT: 1519

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14/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02143631 67902622
The encryption factor
Hoskins, Juliet
Financial Management PP: 18 Oct 2000
ISSN: 1471-9185 JRNL CODE: MAC
WORD COUNT: 2369

...TEXT: love letter is flattering; an anonymous love letter is creepy," points out Stuart Baker, a solicitor at US firm Steptoe &Johnson.

Privacy should mean that personal information is seen only by those who need to see it and is not passed to unscrupulous third parties. The debate centres on whether to...

...worrying trend.

Intel's new P3 processor, for instance, contains a processor serial number unique to that chip and can be set to reveal its serial number. Similarly, Microsoft has incorporated into its software a method of identifying each document with a globally unique identifier (GUID) that includes information about the machine on which it was produced. This has already been used to track the author of the Melissa virus.

Privacy...

...to regulate the misuse than to deny everyone better security.

But when it came to authentication, the arguments were reversed. Privacy advocates admitted that the serial number and GUID may make network users more accountable and secure, but they could be misused to track users through cyberspace. Their answer, however, was not...

...caused severe problems for those sending data from Europe to America. "The EU directive 95/46 on the protection of individuals over the processing of personal data and on the free movement of such data protects users and prohibits data transmissions to countries without the same level of protection," explains Dr Andreas...

...GlobalSign NV. "Data collected in Europe cannot be transmitted to the US for storage or processing."

An issue of substance may also arise over the personal data of applicants for digital certificates. Many of these services are offered by European and overseas providers on the world wide web. The EU directive says that personal data collected in Europe should remain in Europe.

Of course there have been scandals. "A well-known advertising banner company briefly took its stock off the..."

...the European Forum for Electronic Commerce (EEMA). "When the company serves up a banner on one of its 11,000 websites, it gives out a 'cookie', a unique code which signals to the company when it has a return visitor. People who don't erase their cookie.txt file provide details about how often they visit all those sites."

"The company crossed the line when it launched a personalisation service to collect names, ages, incomes, education, home location, ages of children etc. The company could attach a name and an income to a cookie - it could tell which rich suburban men bought on-line porn, which kids bought the latest N Sync album, and where their mothers worked" ;vi...

14/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02046254 56359851
Privacy in the digital age
Blotzer, Michael J
Occupational Hazards v62n7 PP: 29-31 Jul 2000
ISSN: 0029-7909 JRNL CODE: OHA
WORD COUNT: 1571

...TEXT: established by Mitch Kapor of Lotus 123 fame, is one of several excellent Web sites devoted to privacy issues.

Online companies develop these profiles with "cookies," small text files placed on your hard drive by a Web server that identifies you to the site.

/Cookies are not necessarily bad; they actually make surfing easier, eliminating the need to enter your ID and password each time you visit a members-only site and helping customize the information presented on personalized Web pages.

Online advertisers, like DoubleClick (mmm.doubleclick.net), however, use

cookies to track a user's online activities. Whenever you visit a Web site with DoubleClick-furnished advertisements, the URL of the site visited is sent to DoubleClick, along with a unique ID number in your cookie file. Because DoubleClick furnishes advertising to a large number of Web sites, the company can track you as you travel between sites. Over time, a profile can be used to infer sensitive personal information, such as medical conditions, political and religious beliefs, or sexual preferences.

According to PC World magazine, DoubleClick has profiled more than 100 million users. DoubleClick...

14/3,K/5 (Item 5 from file: 15)
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02038148 55391324
Big brother goes online
Punch, Linda
Credit Card Management v13n3 PP: 22-32 Jun 2000
ISSN: 0896-9329 JRNL CODE: CCM
WORD COUNT: 3219

...TEXT: sort of tracking . .makes a lot of consumers feel uncomfortable."

What sparked the most recent debate over privacy was the merger last year of Internet network advertising company DoubleClick Inc. and Abacus Direct Corp., a leading provider of specialized consumer data and analysis for the directmarketing industry. DoubleClick came under fire when it announced it would combine anonymous data on online purchasing-gathered from Web sites in the DoubleClick Network-with personally identifiable consumer information collected by the 1,500 direct marketers and offline retailers that are members of the Abacus Alliance.

At year-end...

...combination of transactional, geographic, demographic, lifestyle, and behavioral profiles-and names, addresses, and phone numbers.

For its part, DoubleClick collects information by using so-called cookies, small text files stored on Internet browsers that assign unique numbers to individual users. Web sites usually place cookies on Internet users' computers without their knowledge.

Each time a user clicks on an ad posted by DoubleClick on behalf of its clients, DoubleClick records that unique number. That allows DoubleClick to assemble a user profile, including such information as a user's interests, organization name and size, and operating system. DoubleClick then...

...an appropriate ad to the consumer, a process that is completed in milliseconds.

At year-end 1999, DoubleClick posted ads for more than 1,800 clients, delivering nearly 30 billion advertisements in December alone.

Lawsuits and Complaints

The Orwellian overtones of the DoubleClick/Abacus merger weren't lost on privacy advocates and consumerists. In short order, the online advertising network became the subject of numerous lawsuits and complaints as well as widespread media reports questioning its privacy practices. The Federal Trade Commission and various state attorneys general also joined the fray, launching investigations into the operations of DoubleClick and other Web-based companies that use cookies to collect data on consumers.

Westin: "Ninety four percent of Americans say they are concerned about possible misuse of their personal information. "

In response to the public uproar, DoubleClick's Chief Executive Kevin O'Connor in

14/3,K/6 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02026665 53778176
Weakness in numbers
Crowe, David
Wireless Review v17n9 PP: 38-40 May 1, 2000
ISSN: 1099-9248 JRNL CODE: WLR
WORD COUNT: 1186

...TEXT: required. The 3-digit mobile country code (MCC) is more than enough for the world, and each country can allocate up to 1,000 mobile-network codes.

Because the IMSI is 15 digits long, it gives each provider one billion globally unique numbers. The transition to IMSI has started with the development of standards for CDMA and TDMA equipment and for the TIA/EIA41 backbone network. Widescale implementations are expected this year.

The ESN is still an important identifier, even though its antifraud capabilities are limited. A single phone may be associated with several phone numbers, MINs and IMSIs over its lifetime, but the eliminate the manufacturer code to allow serial numbers to be allocated in any size blocks. More drastic solutions are to expand the ESN to a larger number, which has the nasty side effect...

...numbers of mobiles that would be in use 20 years later or even that virtually every country in the world would have at least one wireless-phone system. IMSI is the newest identifier of all and so far seems to be faring the best. But 60 years from now when all toasters are wireless-ready, will my successor...

14/3,K/7 (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02020975 53657913
Keeping Web data private
Harrison, Ann
Computerworld v34n19 PP: 57 May 8, 2000
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 982

...TEXT: planned to merge a database containing the names, addresses and off line buying habits of millions of consumers with Web usage information gathered by its cookies, it learned the consequences of having an invasive privacy policy.

The plan prompted an e-mail campaign against the company and its clients by the Washington-based Center for Democracy and Technology that charged the policy would provide too much access to unsuspecting users' personal information. The controversy sent DoubleClick's stock plummeting and ignited probes by the Federal Trade Commission (FTC) and several states.

Stung by the backlash, DoubleClick announced...
...users' listening activities and sent the data back to the company. And a boycott was organized against Intel Corp. when it announced plans to include unique identification numbers in its Pentium III chips.

Gary Laden, director of the Better Business Bureau Online (BBBOnline) program, which has guidelines governing the use of data collected or displayed on Web sites, says the most common problem that arises during audits is that most corporate privacy notices don't contain enough information on how personal data will be used. He says notices are also difficult to find, and many sites are uncertain about how to provide the right users access to their personal information.

"Before consumers give out any information, they should have an easy way to see where it will be used," says Laden. "Any collection of sensitive...

14/3,K/8 (Item 8 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01808449 04-59440
Privacy issues: When it comes down to it, Intel and Microsoft could follow your every move
McClure, Stuart; Scambray, Joel
InfoWorld v21n14 PP: 52 Apr 5, 1999
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 689

...TEXT: commerce. (Check out big brotherinside.com for a sampling.)

The basic concern is that, although Intel has supplied a software utility to disable the chip identifier, the very existence of such a feature will inevitably lead to less security and privacy for all PC-using Internet

surfers. This was aptly demonstrated...

...if it can be turned off in software, then it certainly can be turned on in software.

Furthermore, ZKS' control writes the PSN to a **cookie** that could be read by any Internet site - or trivially forged by the end-user. So much for strong authentication.
Microsoft got caught in the...

...its customers when its Windows 98 Registration Wizard was revealed to send hardware identification information to Microsoft over the Internet. Also, Office 97 inserts a **unique identifier number** derived in part from a **network** card into documents. To Microsoft's credit, and in an unusual reversal of the "it's a feature, not a bug" mind-set, the company...

...press pass/features/1999/03-08 custletter2.htm for more details and patch information.)

We can understand why you might take umbrage at having any **personal data** sent to big corporations via public **networks**, but what does this really mean for corporate

IT shops trying to keep a lid on a boiling pot of information leaks?

In the Intel...

14/3,K/9 (Item 9 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01797201 04-48192
Privacy, anonymity fanatics are all wet
Kearnes, Dave
Network World v16n13 PP: 17 Mar 29, 1999
ISSN: 0887-7661 JRNL CODE: NWW
WORD COUNT: 378

...TEXT: identity. In fact, I'm behind multiple digital identities (different identities for different situations, such as e-commerce and chat).

Every device attached to a **network** needs to have uniquely identified addresses: the MAC address of the network card, an IP (or IPX) address that contains built-in logic to help...

...not most, networks also require the user of a device to authenticate himself with a user name before using the device. This is all necessary -- **networks** can't work without these **identifiers**.

Evidently the privacy fringe element isn't aware of this because it is also up in arms about Sun's Jini initiative - a Java-based way of connecting almost any type of device to a **network** in plug-and-play fashion. Each device is **assigned** a **unique number** (its **network**

address) when it's attached to the network.

Even the more well-intentioned and computer-knowledgeable privacy advocates are going off the deep end on this one. Lauren Weinstein, editor of "Privacy Forum..."

...is always pressure from other organizations to use it for their purposes." Followed to its logical conclusion, this sentiment would mean doing away with all identifiers (such as phone numbers) because they might be misused. Banning the use of something because it might possibly be misused is throwing the baby out with the bath water. Make the misuse illegal, then enforce the law.

Intel's Pentium In serial number and Microsoft's embedded unique identifier serve legitimate purposes. Unlike fellow columnist Scott Bradner, I don't think of this as personal data but as necessary network data. Used properly, it makes your job easier.

Author Affiliation:

Kearns, a former network administrator, is a freelance writer and consultant in Austin, Texas. He can be reached at wired@vquillcom.

14/3,K/10 (Item 10 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01787038 04-38029
Technology is increasing privacy, not threatening it
Moschella, David
Computerworld v33n9 PP: 33 Mar 1, 1999
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 581

...TEXT: eventually will take us to an even more secure level.

Don't get me wrong: There are certainly plenty of legitimate risks. Credit-card information, cookies, registration information and similar Webusage data can all be seriously abused.

We should be thankful that watchdog groups voluntarily stay on top of the situation and push Intel to be smarter about serial numbers and embarrass GeoCities for not respecting the confidentiality of its customer information. It's simply naive to think that pure industry self-regulation won't...

...the biggest threat to privacy isn't computers at all, but the very media that complain about them so much. The same newspapers and TV networks that love to scare us about the Web don't think twice about splashing intimate personal information all around the world.

Of course, scaremongering does make for some excellent books and movies. We can all enjoy George Orwell's 1984 or last...

14/3,K/11 (Item 11 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
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01781578 04-32569

FAQs on Online research

Bowers, Diane K

Marketing Research: A Magazine of Management & Applications v10n4 PP:
45-48 Winter 1998

ISSN: 1040-8460 JRNL CODE: MRE

WORD COUNT: 3306

...TEXT: with any method, the objectives of the study should be well
thought out when evaluating the online medium for conducting any project.

Q: What are cookies? Are these ethical? Can't people get around
these?

Cookies have been the source of a great deal of concern and alarm in the
press...

...bit of information that is stored in a user's browser, often just a code
that contains the server name and a generated string of unique text
and numbers. Cookies are used to store information about what pages
you have requested within that specific site (and, only within that site).
Any sites that need...

...a password (such as a customized news reader, My Yahoo!, or other
personalized sites) do so by storing the key to your profile as a
cookie. We have certainly found, however, that there is a huge
misconception among the public that cookies can reveal personal
information, credit card information, or even the social security
number of a site visitor. Unless the visitor has specifically offered
personal information already on the site (e.g., through a
registration form), there is no way for a site to know more about that
individual than the unique cookie code within that
particular site.

Cookies can be beneficial in research to determine where a respondent
has "left off" in a survey if they wish to pick up again later and to help
enforce quota controls and multiple-survey submissions. As mentioned above,
cookies can also help researchers identify behavioral patterns of
survey respondents, if the respondent has opted-in to do so, for richer
analysis and sampling/weighting.

Although most new browsers allow users to either turn-off the ability to
write a cookie or to alert the user when a cookie is being
written, most people who take advantage of these options lose a tremendous
amount of Web functionality. A potential case for inappropriate use of...

...server. Once the research partner has created an e-mail or HTML
form-based survey, these can be put up on the client's internal
server. Other more sophisticated forms of Web-based surveying (Fixed
Format and Custom Interactive Surveys) are currently being hosted only on
the producers' sites.

The Internet...

14/3,K/12 (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01771818 04-22809
Just a number
Hayes, Frank
Computerworld v33n5 PP: 69 Feb 1, 1999
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 560

...TEXT: for a fight, promised to turn off the CPU ID feature by default.

Maybe it's just too much of a good thing. A CPU serial number is good. But an easy-to-steal, easy-to-spoof serial number won't help anyone's E-commerce security.

Look, if a user's browser provides the CPU ID number, any Web site can collect it...

...Information Center, threatened Intel with a boycott last week.

Hogwash. Nobody is anonymous on the Web - except maybe hackers who carefully cover their tracks. Web servers log each user's IP address. Most users accept "cookies" specifically designed to identify them in the future, and cheerfully type in personal information without hesitation.

Internet privacy is already rare, and Web anonymity nonexistent. As a threat, CPU ID is just one more drop in the bucket.

All of which is really beside the point. What makes Intel's new CPU serial number a good thing is that it's just that - a serial number. Sure, it may be a bust in E-commerce, but it still can be handy for keeping track of PCs inside a corporate IT shop.

So turn on the CPU ID feature to log PCs when they arrive. Use it to track them as they're moved, reassigned and reconfigured inside your organization. Keep it for identifying stolen PCs if they're recovered and figuring out the speed and capabilities of a CPU. Even use it to check which chips need replacing, if Intel...

...of a good thing - do you?

Author Affiliation:

FRANK HAYES, Computerworld's staff columnist, has covered computing for 20 years and only accepts chocolate chip cookies. His Internet address is frank...

14/3,K/13 (Item 13 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01651316 03-02306
Consider read/write RF/ID for manufacturing
Ream, Matt
Automatic I.D. News v14n7 PP: 36-37 Jun 1998
ISSN: 0890-9768 JRNL CODE: AIN
WORD COUNT: 1183

...TEXT: re-used and reprogrammed when affixed to workin-process (WIP) pallets or fixtures. At its most basic level, a tag can function as a simple identifier or "license plate." Similar to bar code, information on the read/write tags enables the manufacturing work cell to intelligently identify which work piece has...

...item-such as quality-control data, manufacturing instructions and routing information-must be stored in a central database. This can require an extensive amount of networking and increases the potential for bottlenecks in the workflow if the network becomes overloaded or fails. If the central database fails, the entire production line is brought to a halt.

With a read/write system, the tag itself can function as a portable database, passing information from one process to the next via the read/write memory contained on the tag. In this scenario, the ID tag functions not only as an identifier but also as a "data carrier" used to decentralize information processing within the factory.

In this system, the tag is initialized at the beginning of the process with detailed information such as a pallet number, serial number or a complete manufacturing work order (as is commonly found in automotive assembly plants or computer manufacturing lines). Information contained on the tag is transferred...

14/3,K/14 (Item 14 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01579222 02-30211
Managing info-mania
Staples, Joe
Communications News v35n2 PP: 40 Feb 1998
ISSN: 0010-3632 JRNL CODE: CNE
WORD COUNT: 723

...TEXT: the sender and recipient to leave the desk and wait by the fax machine.

Companies with more sophisticated fax technology, such as LAN-based fax servers, must manage those faxes from yet another client interface with a different set of commands.

One solution is unified messaging. It provides universal access and control of all message types-voice mail, fax...

...Information access allows callers to obtain specific information-often

customized-automatically from the telephone or personal computer. Using interactive voice response (IVR), callers enter a **unique identifier** (an account number or order number) and **access personal information** such as an account balance, order status, or any unique information stored on a host database. IVR provides a higher level of customer service by...

14/3,K/15 (Item 15 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2009 ProQuest Info&Learning. All rts. reserv.

01547012 01-98000
Jargon watch
Marbach, Bill
Fortune Technology Buyer's Guide Supplement PP: 9-16 Winter 1998
ISSN: 0015-8259 JRNL CODE: FOR
WORD COUNT: 2428

...TEXT: the amount of memory (eight bits) needed to specify one letter, number, or symbol.

C

Cable Modem A special modem that uses the cable TV **network** as a **gateway** for sending and receiving information.

Cache A portion of RAM set aside as a temporary storage area, or buffer, to speed up communications between the...

...read-only, some, called CD-R, can be written to once for archival purposes.

CDMA Code Division Multiple Access. A specification for dividing up digital **cellular phone** frequencies by assigning each user a **unique code**.

Chat A form of interactive communication that enables computer users in separate locations to have real-time conversations. Usually takes place at Websites called chat rooms.

Client/Server Computing systems in which the workload is split between desktop PCs ("the **client**") and one or more larger computers ("the **server**") that are connected via a **network**.

Cookie A string of numbers a Website uses to identify visitors. The **cookie** can contain information about subscriptions and memberships to online services and other information.

CPU Central Processing Unit. Refers to the microprocessor around which a personal computer is built (such as the Pentium Pro or PowerPC chip).

Cyberspace A term used to describe the world set up by global **networks**, especially the Internet. Originally coined by author William Gibson in his novel Neuromancer.

D

Database A set of data that is structured and organized for...

14/3,K/16 (Item 16 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2009 ProQuest Info&Learning. All rts. reserv.

01400959 00051946
Upgrade to digital instrumentation offers new controls capabilities
Boland, Mark D
Pulp & Paper v71n3 PP: 67-73 Mar 1997
ISSN: 0033-4081 JRNL CODE: PUP
WORD COUNT: 5042

...TEXT: Chart Omitted)

Captioned as: FIGURE 3:

The parameter object provides a "tag parameter" access to any attribute within the system. Each device is given a unique identification, so the network can recognize the device and its variables regardless of where it is physically located in the plant. The system communicates with the device by using...

...output address. An enormous amount of time is spent telling the control system where to find an input-output port.

In field-centered architecture, the smart device is given a logical identifier when it is ordered, and the

manufacturer programs that identifier into the unit. When the control engineer develops a control strategy, he or she doesn't have to be concerned about where that wire will...

14/3,K/17 (Item 17 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01350301 00-01288
ID at touch of a finger
Yamada, Ken
Computer Reseller News n713 PP: 93-95 Dec 2, 1996
ISSN: 0893-8377 JRNL CODE: CRN
WORD COUNT: 573

...TEXT: a scanner built into a keyboard. Both units are based on optical technology. The scanners are used in conjunction with NRI software loaded locally on PCs or on servers running Windows software.

"Security has become important in all aspects of computer networks," Fuller said. "If you can never positively identify a user of the system, then all of the other security measures don't matter." For most...

...image of a person's fingertip is captured by a scanner. That image is analyzed by the computer for unique features called "minutiae, creating a

unique fingerprint identifier number. The fingerprint is compared with other identifier numbers stored in a database.

NRI said applications well-suited for fingertip scanning include authenticating the initiator of electronic transactions such as funds transfers, security...

...PC.

A software developer's kit for integrating the technology into an application is priced at \$1,000, plus a \$200 per PC licensing fee.

Server-based software is priced at \$5,000 for a basic solution and \$35,000 for a high-end solution used by organizations such as welfare...

14/3,K/18 (Item 18 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01299951 99-49347
Thorough document searches clinch the case
Dykeman, John
Managing Office Technology v4ln9 PP: 42-43 Sep 1996
ISSN: 1070-4051 JRNL CODE: MOP
WORD COUNT: 927

...TEXT: where legal assistants and clerks prepare them for entry into the system. All litigation documents are entered, including those supplied by Wilmer, Cutler, & Pickering's client, as well as those provided by the opposition. In some cases, as many as 300,000 pages are involved. First, all pages are barcode-labeled, providing each one with a unique document identifier number, especially important because several versions of the same document may exist in the case file, with only a few words changed. The barcode is then...

...document image files run through an OCR program which converts the images to an ASCII text file. Wilmer, Cutler, & Pickering uses as many as 25 PCs to convert image files to ASCII via OCR. (The system is capable of easily converting as many as 10,000 pages per night.) A proprietary program allows the image server to automatically go out on to the Novell LANs to use any available licensed PC for OCR conversion.

There are over 600 computers on the firm's network, set up on LANs, all connected to the same backbone. The system employs Windows 3.1 PCs with a back end NT server, NT SQL server and nine Novell LANs

Actually, the system builds three databases. The first is the full ASCII text base, which includes the (bar)coding link. This...

14/3,K/19 (Item 19 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01046431 96-95824

Seamless by design
Lyons, Richard
Telephony v228n22 PP: 28-31 May 29, 1995
ISSN: 0040-2656 JRNL CODE: TPH
WORD COUNT: 1399

...TEXT: calls, especially calls to emergency services.

Seamless Technology Today

In most markets across the U.S., this level of service is available today through backbone **networks**, which provide direct connection between cellular systems. These **networks** enable a cellular system in any geographic area in the **network** to provide a similar level of service that's available to a user in his or her home area, without the need for roaming codes.

The first nationwide cellular backbone system, named the North American Cellular **Network**, became commercially operational in 1991. Today, this system uses technologies since employed by similar **networks**: IS-41 and signaling system 7.

IS-41 is an industry standard that defines a protocol that enables switches of various types to communicate with...

...other. SS7 specifies how data messages are packaged and transported from one point to another across a grid of links and circuits. It is a **network** protocol for high-speed digital transmission of data messages tailored for telephony services.

Various switching systems process cellular **phone** traffic in their own particular way. When one switch system needs to communicate with another switch to handle a cellular call, it does so using IS-41. The message created using this language is delivered from one switch to another using a data communications **network** based on SS7.

To serve a cellular user who powers on a phone away from home, the local switch first conducts a registration cycle. When the phone is turned on, it sends a data message to the local cell site containing a mobile identification number (MIN) and electronic **serial number** (ESN). These **identifiers** are transmitted to the local cellular system switching center, which in turn identifies the MIN to find the home location of the cellular **phone**.

Once the user's home switching center is located, it verifies that the MIN and ESN are valid and transmits the user's service profile...

...forward, calls can be made and received as if the user were in the home service area.

Seamless Service Tomorrow

Although some gaps remain, backbone **networks** have created seamless service across most cellular markets in the U.S., and greater coverage will come as cellular systems upgrade switching capabilities, and agreements are negotiated to interconnect backbone **networks** with one another. But as

providers meet the standing demand for simple cellular connections regardless of geographic location, they should prepare for users to expect ...

14/3,K/20 (Item 20 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00916805 95-66197
Frame relay nets, road warriors on collision course
Wexler, Joanie
Network World v11n37 PP: 41, 47 Sep 12, 1994
ISSN: 0887-7661 JRNL CODE: NWW
WORD COUNT: 929

...TEXT: satisfy mobile users' need for virtual ports, although the companies have made no announcements in that area.

And, since ISDN is not ubiquitous, StrataCom's server--a front end to its IPX frame relay switch--is a bigger help to remote and telecommuting users in fixed locations than to the roaming...

...be an alternative to carriers having volumes of separate modems, which is more costly to them and their customers.

Also, there needs to be an identifier of some sort in the data stream to accommodate mobile users, said Jones, who sees no reason laptops and wireless personal communicators could not some day get outfitted with frame relay interfaces for direct connections that are even less expensive. The idea would be to outfit the portable device with a unique code and a communications protocol understood by the carrier switch.

Jack Blount, chief executive of Dallas-based MobileWare, Inc., a maker of client/server software for mobile users, said "caller ID is probably something we should look at," though he said his firm currently has nothing in development. "There...

14/3,K/21 (Item 21 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00857412 95-06804
The future of major protocols
Baker, Steven
UNIX Review v12n5 PP: 23-29 May 1994
ISSN: 0742-3136 JRNL CODE: UXR
WORD COUNT: 2771

...TEXT: will be including TCP/IP protocols as alternatives to OSI for future federal purchases. This will likely precipitate the demise of OSI as a competitive network protocol. A few of the OSI applications are likely to linger, including the X.500 directory service, which can run over TCP/IP.

THE NOVELL...

...TCP/IP. The two basic components are the connectionless Internet Packet Exchange (IPX) and the connection-oriented Sequenced Packet Exchange (SPX). In the Local Area Network (LAN) environment, NetWare traditionally offers the best performance for file services in PC networking systems. Novell also offers other products that support connectivity to TCP/IP, IBM SNA, DECnet, and most other network systems. Again, the Novell motto of supporting everyone's system is evident.

From a global Internet perspective, Novell's undoing is its lack of unique network identifiers. In one of my first "Net Worth" columns more than two years ago, I cited this as Novell's greatest failing for the future. Earlier, Novell had a chance to fix this weakness. Each copy of NetWare was originally branded with a serial number that could have been serialized into the NetWare operating system as a unique network name and ID for addressing. Instead, users were allowed to create their own network names and IDs. Most of the NetWare systems in existence were installed following the examples in the Novell installation guides, and these systems literally have the same network numbers and names.

Novell now has a program to register network names and numbers. But this program was started too late in NetWare's life cycle and was not accompanied by mandatory network registration or serializing for new products. Fortunately, the NetWare protocols are not currently routed over the Internet, even though routers from the major vendors, such...

...IPX/SPX in a local domain where you have complete authority to provide unique names and numbers and you don't route past your own network borders.

Novell clearly realizes the strategic importance of TCP/IP to future networking. After all, if you need the TCP/IP protocols for global network connectivity from your desktop, why bother to run both IPX/SPX and TCP...

14/3,K/22 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07958844 Supplier Number: 66162811 (USE FORMAT 7 FOR FULLTEXT)
Advertising agreement may mean changes at e-commerce sites; An agreement reached by network advertisers and federal officials may have a wide-ranging impact on privacy practices.(Industry Trend or Event)
Thibodeau, Patrick
Network World, pNA
August 7, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; General Trade
Word Count: 589

... self-regulatory guidelines for collecting online data. But the guidelines will ultimately affect e-commerce sites through new contract terms they will get from the network advertisers.

Federal officials believe network advertisers will raise the bar on online privacy for e-commerce sites. Network advertisers are hoping that the self-regulatory guidelines will slow efforts in Congress to pass privacy legislation. Others aren't so sure what the effect...

...public backlash" over their privacy practices, he said.

The U.S. Federal Trade Commission applauded the self-regulation agreement developed by the group of nine network advertisers, known as the Network Advertising Initiative. But the FTC said privacy legislation will still be needed to ensure that network advertisers that aren't part of the NAI comply with the agreement.

Network advertisers supply banner advertisements but may also collect data on browsing habits, largely through the use of cookies -- unique identification tags placed on an end user's computer. The agreement sets restrictions on the use of that data.

For instance, e-commerce sites will have...

...place and offer an "opt out" option.

But the agreement also opens the door to the most controversial aspect of online profiling: the merging of personal information, including names and addresses, with Web browsing habits -- and sharing the information with third parties. Under the agreement, e-commerce sites that take this route...

...former chief privacy officer at the U.S. Department of Justice and now an attorney at Arnold & Porter in Washington.

DoubleClick, the largest of the network advertisers, says it has no plans to begin merging personally identifiable data despite this agreement. In March, the company backed off on plans to combine...

14/3,K/23 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07896169 Supplier Number: 65350761 (USE FORMAT 7 FOR FULLTEXT)
Personal Firewall blocks unwanted--and wanted--traffic.(Symantec's Norton
Personal Firewall 2000 2.0) (Software Review) (Evaluation)
CHEEK, MICHAEL
Government Computer News, v19, n27, p38
Sept 11, 2000
Language: English Record Type: Fulltext
Article Type: Evaluation
Document Type: Magazine/Journal; Professional Trade
Word Count: 710

... On the other hand, the previous version worked better at hiding the media access control number. The new version did not hide the computer's unique MAC number, which is embedded in the network interface card and should not be revealed.

Personal Firewall 2000 2.0's advanced options include about 75 rules that come with the application to...

...and the rules can be disabled individually.

The security area also can block Java and ActiveX code.

In the privacy area, Personal Firewall can block cookies from

specific sites, and the user can store confidential information for automatic use on Web forms and e-mail. If a site or application attempts to access the confidential information, Personal Firewall is supposed to stop the transmission and ask whether to let it continue.

For me, it didn't work that way, however. I entered...

...When Personal Firewall inserted the information in Web forms and e-mail, it did not warn me that I was about to send out confidential data.

Personal Firewall integrates well with Symantec's Norton AntiVirus 2000. For most users, antivirus protection is more important than a firewall, because attacks against individuals generally...

14/3,K/24 (Item 3 from file: 16)
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07707137 Supplier Number: 64254642 (USE FORMAT 7 FOR FULLTEXT)
BarPoint Service Now Available From A Variety of Wireless Devices Via Go America's Go.Web Service.
Business Wire, p0060
August 16, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 929

... WIRE)--Aug. 16, 2000
BarPoint.com (Nasdaq:BPNT), the company that is revolutionizing the way shopping decisions are made through the use of unique product identifiers such as Universal Product Codes (UPC), today announced the availability of its BarPoint Shopper(TM) service through GoAmerica, Inc.'s (Nasdaq:GOAM), Go.Web(TM)...

...assisting them in making more informed purchasing decisions.
BarPoint's mobile product information and shopping service is revolutionizing mobile and Internet use of unique product identifiers such as Universal Product Codes (UPC) for businesses and consumers. Available on such devices as PDAs, 2-way pagers and notebook computers, the Go.Web...

...BarPoint a clear advantage over other search services," stated John Macatee, president and CEO of BarPoint.com. "Customizing specific product information for the variety of wireless devices available also insures that BarPoint users get exactly the information they want in an easy-to-use format."

To utilize the BarPoint service, GoAmerica customers...

...menu to conduct on-line product research, or price comparisons. BarPoint is optimized for use with the limited bandwidth, screen size and battery life of mobile devices, which means obtaining product specific information is as easy as entering a product's unique identifier, such as the barcode number, instead of keywords, and the results returned are product-specific.

GoAmerica's Go.Web(TM) service enables the mobile professionals...

...Internet when away from the office. The Go.Web(TM) technology

intelligently compresses, encrypts and reformats data, optimizing it for viewing on a variety of wireless devices and data networks.

Try BarPoint for Yourself

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through their website (www.barpaint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact and product information, competitive...

...Internet shopping information; bridging the gap between the broad selection of products offered online with the confidence and satisfaction of retail shopping. Using unique product identifiers, such as the UPC barcode, and patent pending "reverse search" technology, BarPoint provides consumers and businesses with easy, efficient access to comparative pricing, product and...

14/3,K/25 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07567905 Supplier Number: 62956522 (USE FORMAT 7 FOR FULLTEXT)
Software Automates Web Promotions.(Personal Shopping E.ssistant by
Dynaptics)(Product Information)
Kemp, Ted
InternetWeek, p22
June 26, 2000
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 618

... with its wineskins and wine glasses.

The software makes educated guesses about visitors' interests based on the pages they visit. Shoppers are identified either through cookies, an attached registration ID or through a session ID assigned when they arrive at the site. The technology builds a database that remembers which offers have been best received...

...decide which pages will contain HTTP tags for tracking users, selecting offers or posting offers. Each page can hold as many as three tags. The server software uses an XML interface to connect to those merchant tags, sending across offer text and graphics as HTML fragments.

While it measures what portion...

...the Personal Shopping E.ssistant doesn't measure conversion rates. Vieth said Dynaptics hopes to add that capability down the line.

Dynaptics' second product, the Personal Information E.ssistant, is designed for auction or exchange sites. It includes the same control panel, analytical and systems management components as the Shopping E.ssistant...

...Dynaptics designed the PIE "in concert with eBay," Vieth said, but he

declined to specify whether the auction giant is a Dynaptrics customer.

An unlimited ~~server~~ license for the Personal Shopping Assistant costs \$75,000, plus an annual maintenance fee of \$11,250. Or merchants can pay on a click...

14/3,K/26 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07341571 Supplier Number: 62160644 (USE FORMAT 7 FOR FULLTEXT)
AT&T Wireless Selects BarPoint as Featured Mobile Shopping Offering on the AT&T Digital PocketNet Service for Web-enabled Wireless Phones.
Business Wire, p0100
May 18, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 986

... user experience on wireless phones as it does on desktop computers. Accessing BarPoint to obtain product information from AT&T's PocketNet service on a ~~mobile phone~~ is as easy as dialing a long distance phone number," stated John Macatee, CEO of BarPoint. "A key benefit is BarPoint's use of unique product identifiers such as a UPC number, rather than keywords, to deliver very specific, targeted results without needing to scroll through hundreds of mismatched links, allowing users...

...decision."

Through the partnership, AT&T Digital PocketNet subscribers will now have convenient access to BarPoint.com's unique, patent-pending reverse search technology from ~~mobile phones~~. This will allow them to obtain product-specific information, competitive pricing and manufacturer information and will assist them in making more informed purchasing decisions.

Availability...

...utilize the new Tegic T-9 "quick-type" key pads.

Try it for Yourself Using the Web

By entering or scanning in a product's ~~unique barcode number~~, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through its website (www.barpoint.com) or on your web-enabled ~~mobile device~~, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact and product information, competitive...

...to customers across the globe. Backed by the research and development capabilities of AT&T Labs, the company has one of the largest digital wireless networks in North America. The company's AT&T Digital One Rate(sm) offer revolutionized the industry by introducing a national wireless plan with no roaming...

14/3,K/27 (Item 6 from file: 16)
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07313443 Supplier Number: 61994348 (USE FORMAT 7 FOR FULLTEXT)
BarPoint Joins Phone.com Alliance Program and RTS Wireless to Expand
Network of Wireless Service Providers.
Business Wire, p1160
May 10, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1086

... and to coordinate the exchange of ideas and information among Alliance Program members, other companies developing wireless Internet products and services, and Phone.com's network operators. BarPoint joins a growing list of alliances that include content providers, application developers, tools providers and systems integrators using the Phone.com Product Family...

...and services. The RTS Wireless Advantage system provides a secure connection point where multiple Internet content providers and application developers can connect to a wireless network to distribute on-demand, individualized content to subscribers with wireless devices.

BarPoint.com is an Internet shopping and information resource service designed to help consumers make more informed purchasing decisions. Consumers can use BarPoint's patent-pending "reverse search" technology to leverage unique product identifiers, such as UPCs, to immediately get assistance in learning about, comparing and ultimately purchasing millions of products. Other shopping and product information services force consumers to drill down through unwanted information, making the search more difficult and time consuming, especially with the limited bandwidth, screen size and battery life of mobile devices. BarPoint increases the ease of entering and obtaining product information by using the unique product identifier, instead of keywords, and returning product-specific information.

Try it for Yourself Using the Web

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through their website (www.barpoint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact information, competitive pricing from...

...Internet shopping information; bridging the gap between the broad selection of products offered online with the confidence and satisfaction of retail shopping. Using unique product identifiers, such as the UPC barcode, and patent pending "reverse search" technology, BarPoint provides consumers and businesses with easy, efficient access to comparative pricing, product and...

14/3,K/28 (Item 7 from file: 16)
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07194752 Supplier Number: 61404165 (USE FORMAT 7 FOR FULLTEXT)
Checkpoint System's RFID Technology Selected by Unique ID for Media Asset
Tracking.
Business Wire, p1559
April 10, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 695

... customers in the broadcast television and film/video
post-production industries. Unique ID has a primary focus towards
internet-based solutions including design, e-commerce, network
security and web hosting. Unique ID is a part-owned subsidiary
of the Smoke & Mirrors Group.

Unique ID's CakeS media asset-tracking solution is
targeted at the video, post-production, film, and 3D animation industries.
CakeS is unique in that the impact...

...is minimal, yet it can show users on request copies of any video, film
or 3D stored within the facility. The system combines a unique
identifier on tapes, and other physical assets, with a proprietary
digitizing station to create streamable proxy clips in real-time from the
original tape media. CakeS...

...Checkpoint is a leader in the development of RFID technology across all
industries and a leading provider of RF source tagging, barcode labeling
systems, EAS, hand-held labeling systems, and retail
merchandising systems. Applications include automatic identification,
retail security, and pricing and promotional labels. Operating in 27
countries, Checkpoint has a global network of subsidiaries and
provides professional customer service and technical support around the
world. Checkpoint Systems, Inc.'s web site is located at
www.checkpointsystems.com.

14/3,K/29 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06400494 Supplier Number: 54841545 (USE FORMAT 7 FOR FULLTEXT)
Big Brother Inside: Should You Care?(Intel Pentium III
microprocessor)(Product Information)
Steinke, Steve
Network, pNA
May 1, 1999
Language: English Record Type: Fulltext Abstract
Document Type: Magazine/Journal; Trade
Word Count: 870

... Intel's part. In case you missed the story, Intel's new Pentium III
processors (formerly code-named Katmai) will include unique 96-digit
Electronic Serial Numbers (ESNs) that can be read by
application software and vendor Web sites.

THE GOOD
There are compelling reasons for including an ESN within a
microprocessor...

...the performance difference.

Certainly the concept for a software-readable ESN isn't a new thing. Every business PC has one, sort of, in the **network** card's MAC address. Every **cell phone** has one, too; that's how the cellular **network** identifies and communicates with your phone.

Were Intel to leave it at that level, that would be fine. Few would object to an on-chip...

...local tools like Windows' System Information utility, by diagnostic software, or by authorized asset-management suites. But no. Intel is going farther: The CPU's **serial number** can be read by e-commerce sites.

THE BAD

Intel claims that this "feature" will be a boon to e-commerce by allowing vendors to...

...trace each of your visits and learn what you're looking for-even if you don't give your name or if your system blocks **cookies**. If you ever buy anything, Vendor A can match your name and demographics against that ESN. This, says Intel, is good: If someone else comes...

14/3,K/30 (Item 9 from file: 16)
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06255624 Supplier Number: 54301551 (USE FORMAT 7 FOR FULLTEXT)
SECURITY WATCH.(Intel's Pentium III Processor Serial Number and Microsoft's Windows 98 Registration Wizard and Office 97 Unique Identifier)(Product Information)
InfoWorld, v21, n14, p52(1)
April 5, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 713

... commerce. (Check out big brotherinside.com for a sampling.)

The basic concern is that, although Intel has supplied a software utility to disable the chip **identifier**, the very existence of such a feature will inevitably lead to less security and privacy for all PC-using Internet surfers. This was aptly demonstrated...

...if it can be turned off in software, then it certainly can be turned on in software.

Furthermore, ZKS' control writes the PSN to a **cookie** that could be read by any Internet site -- or trivially forged by the end-user. So much for strong authentication.

Microsoft got caught in the...

...its customers when its Windows 98 Registration Wizard was revealed to send hardware identification information to Microsoft over the Internet. Also, Office 97 inserts a **unique identifier number** derived in part from a **network** card into documents. To Microsoft's credit, and in an unusual reversal of the "it's a feature, not a bug" mind-set, the company...

...microsoft.com/presspass/features/1999/03-08custletter2.htm for more details and patch information.)

We can understand why you might take umbrage at having any personal data sent to big corporations via public networks, but what does this really mean for corporate IT shops trying to keep a lid on a boiling pot of information leaks?

In the Intel...

14/3,K/31 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06248669 Supplier Number: 54025407 (USE FORMAT 7 FOR FULLTEXT)
Intel Embeds Unique IDs.(in Pentium III microprocessors)(Product Information)
Halpin, Jon
Computer Shopper, v19, n4, p337(1)
April, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; General Trade
Word Count: 427

... chip, code-named Katmai, will be formally known as the Pentium III. The company will also release chips, called Pentium III Xeons, that target the server market and include enhanced Internet functionality. Going forward, Intel's product line will comprise only Pentium IIIs and Celerons.

In the second announcement, Intel stated its plans to add a new security feature to its Pentium III line: an embedded ID/serial number in each chip. The ID number will more accurately identify the system owner and offer greater protection. The ID chips were designed in an effort to address antitheft and antifraud concerns, and the growing security issues surrounding e-commerce.

Along with the serial number, Intel is adding a hardware-based random- number generator to its processors to provide the most robust encryption security. The number generator works in conjunction ...

...a user buys a system, the ID feature is automatically enabled, so that merchants and other authorized parties can verify the user's identity. This identifier will go a long way toward preventing stolen PCs from being sold on the Internet, as those serial numbers will be blacklisted. For Internet business, the IDs can significantly cut down on consumer fraud.

Privacy advocacy groups, however, say this type of feature violates ...

...that the disable feature should be the default when consumers buy a system.

Privacy concerns aside, the move to include more robust security features in PCs is a necessary step for existing in an Internet-centric business world. According to Intel, the serial numbers will initially appear only in the Pentium III processors, but later will be added across the line to Celeron chips.

14/3,K/32 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06228624 Supplier Number: 54249544 (USE FORMAT 7 FOR FULLTEXT)
Privacy, anonymity fanatics are all wet.(Intel's tracing of CPUs and
Microsoft's address embedding)(Company Business and Marketing)
Kearns, Dave
Network World, p17(1)
March 29, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 378

Every device attached to a network needs to have uniquely
identified ad-dresses: the MAC address of the network card, an IP (or IPX)
address that contains built-in logic to...

...not most, networks also require the user of a device to authenticate
himself with a user name before using the device. This is all necessary -
networks can't work without these identifiers.

Evidently the privacy fringe element isn't aware of this because it
is also up in arms about Sun's Jini initiative - a Java-based way of
connecting almost any type of device to a network in plug-and-play
fashion. Each device is assigned a unique number (its
network address) when it's attached to the network.

Even the more well-intentioned and computer-knowledgeable privacy
advocates are going off the deep end on this one. Lauren Weinstein, editor
of "Privacy Forum..."

...is always pressure from other organizations to use it for their
purposes." Followed to its logical conclusion, this sentiment would mean
doing away with all identifiers (such as phone numbers) because they
might be misused. Banning the use of something because it might possibly be
misused is throwing the baby out with the bath water. Make the misuse
illegal, then enforce the law.

Intel's Pentium III serial number and Microsoft's
embedded unique identifier serve legitimate purposes. Unlike fellow
columnist Scott Bradner, I don't think of this as personal data
but as necessary network data. Used properly, it makes your job
easier.

Kearns, a former network administrator, is a freelance writer
and consultant in Austin, Texas. He can be reached at wired@vquill.com.

14/3,K/33 (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06219974 Supplier Number: 54210971 (USE FORMAT 7 FOR FULLTEXT)
Too late to plea for privacy.(Industry Trend or Event)(Column)
Schofield, Jack
Computer Weekly, p43(1)
March 18, 1999
Language: English Record Type: Fulltext

Article Type: Column
Document Type: Magazine/Journal; Trade
Word Count: 301

... IIIs, of course, and the number can be turned off, but they are still very, very worried.

But, funnily enough, most of them already have unique ID numbers in their PCs, and they have had them for years.

Then along comes Microsoft to turn irony into farce.

Not only do most of these people have a unique identifier in their personal computers, but - as we now know, thanks to Phar Lap Software - Microsoft had kindly included this number in their Office 97 files.

Corporate network managers can therefore say exactly which computer was used to create an anonymous Word, Excel or PowerPoint document, though not who was using the computer...

...will find a long number that ends something like 0 0 A 0 2 4 A B 3 6 0 3.

This is the NIC (network interface card) address, 00-A0-24AB-36-03.

Ethernet cards have addresses. The address on the Ethernet card in your computer is. I'm told...

14/3,K/34 (Item 13 from file: 16)
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06162936 Supplier Number: 53982408 (USE FORMAT 7 FOR FULLTEXT)
Technology is increasing privacy, not threatening it.(Technology Information)(Column)

Moschella, David
Computerworld, p33(1)
March 1, 1999
Language: English Record Type: Fulltext
Article Type: Column
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 564

... eventually will take us to an even more secure level.

Don't get me wrong: There are certainly plenty of legitimate risks. Credit-card information, cookies, registration information and similar Web-usage data can all be seriously abused.

We should be thankful that watchdog groups voluntarily stay on top of the situation and push Intel to be smarter about serial numbers and embarrass GeoCities for not respecting the confidentiality of its customer information. It's simply naive to think that pure industry self-regulation won't...

...the biggest threat to privacy isn't computers at all, but the very media that complain about them so much. The same newspapers and TV networks that love to scare us about the Web don't think twice about splashing intimate personal information all around the world.

Of course, scaremongering does make for some excellent books and movies. We can all enjoy George Orwell's 1984 or last...

14/3,K/35 (Item 14 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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06120678 Supplier Number: 53736364 (USE FORMAT 7 FOR FULLTEXT)
Our Processors, Our Privacy.(Intel's Pentium III will ship with the serial
number deactivated to ensure user privacy)(Product
Information)(Editorial)
PC Week, v16, n6, p64(1)
Feb 8, 1999
Language: English Record Type: Fulltext
Article Type: Editorial
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 527

... most part should not only have no problem with Intel's direction
but should welcome it.

On the consumer side, Intel thought that putting unique
identifiers on its chips would become an enabling technology for
e-commerce--something that increasingly active Web shoppers would like. The
fears and subsequent overreaction of...

...entirely at Hollywood. It has been targeting consumers for years with
its Intel Inside advertising and branding campaign. The reaction of the
public to the serial number scheme recalls the brouhaha over
the Pentium mathematical flaw several years ago. In that case, the public
was being sold a trusted name and felt...

...is best for it. Intel should have better learned that lesson from the
math error fiasco.

It may be clear to corporate IT that processor serial
numbers have less potential for harm than the data printed on
personal checks, airline mileage cards or tax forms sent through the
mail. But consumers are another matter. The same Intel chips that go into
business desktops and servers also go into consumer PCs. And
both constituencies have a right to satisfaction.

The public wants choice. It will have that choice because the Pentium
III will ship with the serial number deactivated. It's an
acceptable approach for now. Intel must go further down this "have it your
way" path, and corporate IT should join the...

14/3,K/36 (Item 15 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06105647 Supplier Number: 53683861 (USE FORMAT 7 FOR FULLTEXT)
Just a number.(Intel's plan to put electronically readable serial numbers
on its microprocessors)(Company Business and Marketing)
Hayes, Frank
Computerworld, p69(1)
Feb 1, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 558

... for a fight, promised to turn off the CPU ID feature by default.

Maybe it's just too much of a good thing. A CPU **serial number** is good. But an easy-to-steal, easy-to-spoof **serial number** won't help anyone's E-commerce security.

Look, if a user's browser provides the CPU ID number, any Web site can collect it...

...Information Center, threatened Intel with a boycott last week.

Hogwash. Nobody is anonymous on the Web -- except maybe hackers who carefully cover their tracks. Web **servers** log each user's IP address. Most users accept "**cookies**" specifically designed to identify them in the future, and cheerfully type in **personal information** without hesitation. Internet privacy is already rare, and Web anonymity nonexistent. As a threat, CPU ID is just one more drop in the bucket.

All of which is really beside the point. What makes Intel's new CPU **serial number** a good thing is that it's just that -- a **serial number**. Sure, it may be a bust in E-commerce, but it still can be handy for keeping track of PCs inside a corporate IT shop.

So turn on the CPU ID feature to log PCs when they arrive. Use it to track them as they're moved, reassigned and reconfigured inside your organization. Keep it for identifying stolen PCs if they're recovered and figuring out the speed and capabilities of a CPU. Even use it to check which chips need replacing, if Intel...

...much of a good thing -- do you? w

Frank Hayes, Computerworld's staff columnist, has covered computing for 20 years and only accepts chocolate chip **cookies**. His Internet address is frank...

14/3,K/37 (Item 16 from file: 16)
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05767568 Supplier Number: 50254966 (USE FORMAT 7 FOR FULLTEXT)
The Defenders (PART 2)
Gibbs, Mark; Lasky, Michael S.
PC World, v16, n9, p140
Sept, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Magazine/Journal; General Trade
Word Count: 2399

... use of measurable physiological characteristics, such as fingerprints or facial features, to authenticate a user.

Ciphertext: Scrambled, unreadable contents of an encrypted message or file.

Cookie: A block of text that is placed in a file on your hard drive by a Web site when you visit it. A **cookie** is used to identify you the next time you access the site.

Decrypt: To decode data from its protected, scrambled form so it can be...

...the main body of an e-mail message--that can be used by the recipient to authenticate the identity of the sender.

Encrypt: To scramble data into a private code.

Firewall: A computer, with associated software, that is used to prevent outsiders from obtaining unauthorized access to a private computer network.

Password: A private and unique series of numbers, letters, or both that enables the person who uses it to gain access to data. A longer password is called a passphrase.

Private Key: A data file that is assigned to a single individual to use in decrypting messages previously encrypted through use of that person's public key.

Public Key...

14/3,K/38 (Item 17 from file: 16)
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05685358 Supplier Number: 53197682 (USE FORMAT 7 FOR FULLTEXT)
Is Internet Advertising Ready for Prime Time?
Fred, Xavier; Zufryden Dreze
Journal of Advertising Research, pNA
May 1, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Professional
Word Count: 6992

... methods. We proceed according to the following four study steps:
(1) We first examine five Web sites that track their visitors by the means of unique visitor IDs to estimate the bias created by the use of IP addresses as a means of visitor identification; (2) in the next study, we explore the...

...Internet users' IP addresses are used to identify unique visitors to a Web site. At this stage, the recording of page requests from Web-site servers are used to measure potential exposures to banner advertising without accounting for potential repeat exposures to pages that may have been cached on individual surfers' PCs.

In order to examine the magnitude of the errors inherent in current measurement methods, we examined various Web sites that use unique visitor IDs. The visitor IDs were generated using a combination of cookies and user passwords.(3) These visitor IDs allow us to compute actual measures of Reach, Frequency, and GRP that accurately accounted for unique visitors.

We...

14/3,K/39 (Item 18 from file: 16)
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05621708 Supplier Number: 50045383 (USE FORMAT 7 FOR FULLTEXT)
Micro House Delivers ImageCast(TM) Deluxe 2.1
PR Newswire, p528LATH009
May 28, 1998
Language: English Record Type: Fulltext
Article Type: Article

customization, integrated SID creation, and DHCP client support

BOULDER, Colo., May 28 /PRNewswire/ -- Micro House International, Inc., a leading provider of disk imaging technology, announced today the shipment of ImageCast Deluxe 2.1. This new hard drive image duplication upgrade includes automated post-imaging customization of client PCs, enhanced integrated security identifier (SID) creator for Windows NT, DHCP client diskette support, greatly enhanced ClientBuilder application, and several popular Micro House SupportSource-based information modules on CD-ROM.

Following the TCP/IP multicast process, ImageCast Deluxe 2.1 further shortens network workstation setup by automatically configuring each PC's Windows registry with unique parameters. This post-configuration process will handle Microsoft Networking parameters, which include the computer name, domain or workgroup name, network login name, IP address, and the subnet mask. This is another step forward in reducing overall PC setup time.

With ImageCast Deluxe 2.1, after the transmission of an image is completed, the controller automatically and safely creates a unique SID number for each cloned Microsoft Windows NT workstation. The ability to disable the SID creator function is available in both multicast and standalone modes.

"Micro House...

...ImageCast 2.1 is another major step forward by Micro House in reducing PC setup time with faster imaging and automated post-configuration-enabling Windows PCs to login to the network upon booting up the first time," says Dan Eccher, ImageCast product manager. Eccher goes on to say, "I am confident Micro House is driving the...

...International, a privately held company headquartered in Boulder, Colorado, is a leading provider of PC hardware technical information libraries and utilities for hard drives and network image duplication. Micro House information products and utilities are used by hardware technicians, network administrators, help desk and IT professionals, resellers, and system integrators throughout the world for installation, maintenance, and upgrades of multivendor PCs and networks. The company's key information products and utilities are SupportSource, the Support On Site product family (recently acquired from Ziff-Davis), the Micro House Technical...

14/3,K/40 (Item 19 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05498461 Supplier Number: 48332196 (USE FORMAT 7 FOR FULLTEXT)
Engage Technologies Leads The Charge To Safeguard Consumers' Online Privacy
PR Newswire, p0302NEM011
March 2, 1998
Language: English Record Type: Fulltext

Document Type: Newswire; Trade
Word Count: 1157

... their privacy practices to site visitors. The proposal recommends that Web sites use "Trust Labels" to associate their Internet privacy practices with information exchanged through cookies. These "Trust Labels" conform to the Platform for Internet Content Selection (PICS) standard, and tell visitors how a Web site will use information stored in a cookie or derived from a cookie.

This proposal is the latest example of Engage's constant push to guarantee consumer privacy protections. Engage-sponsored proposals have also gained overwhelming support among...

...Engage's Technologies & Policies Created With User Anonymity As #1 Priority

To ensure rigorous adherence to its privacy goals, Engage.Knowledge was developed with a unique "dual-blind" identification technology that fully guarantees users' anonymity. Visitors to Engage-Enabled Web sites are tagged with a unique, anonymous numerical identifier, which captures their on-line behavior and usage patterns. This means that-- unlike other 1:1 marketing solutions -- user registration is not required for Engage...

...users' names or e-mail addresses. And, even with these boundaries in place, a visitor can still choose to 'opt-out' of the Engage-Enabled network, from our Web site.

"When it comes to reassuring online users of the safety of their personal information, Engage Technologies intends to 'cover all the bases,'" Jaye concluded.

Engage Technologies provides enterprise-class services and technology that leverage access to the world's...

...on-line content service currently serving over 200 ISPs.

NaviSite Internet Services is a leading provider of business-critical Internet outsourcing solutions, including dial-up networking services for ISPs and corporations, and customized Internet Server Management solutions for companies conducting business on the Internet. ADSmart provides centralized advertising distribution, advertising campaign management and planning for interactive media for over 90...

14/3,K/41 (Item 20 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05330548 Supplier Number: 48111884 (USE FORMAT 7 FOR FULLTEXT)
ViaTech Introduces Adaptive Fingerprint Security With VT Protect 5.0,
Premier Software Piracy Prevention Solution.
Business Wire, p11101221
Nov 10, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 960

... the new product enhancements, VT Protect also includes these important features:

-- Unique system "fingerprint":
 An innovative process of hardware and software system checks determines a unique system ID or "fingerprint," which is, in turn, used as part of the encryption scheme for password generation.

-- Advanced encryption scheme:
 VT Protect features a "multi-pass...
 ...of information, scrambles it with the first, then finds a third piece of information, combines that with the first two, as so on until an identifier completely unique to the system is created.

-- Comprehensive license customization options:
 VT Protect's customizable license enforcement provides software developers with expanded control over product...
 ...make up the license password contents. Developers are able to create variable security mechanisms for their offerings, rather than having to use predefined security controls.

-- Network independent operation:
 VT Protect's network independent license operation provides software developers with the flexibility to address the needs of users on corporate networks as well as those of software buyers with stand-alone home PCs and nomadic laptops. Unlike existing solutions, VT Protect does not require a network server or network-served metering software.

-- Multiple licensing options:
 Varied license choices include duration control, as well as single, floating, site and unlimited license options. This allows software...

14/3,K/42 (Item 21 from file: 16)
 DIALOG(R)File 16:Gale Group PROMT(R)
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04712989 Supplier Number: 46939300 (USE FORMAT 7 FOR FULLTEXT)
 ID at touch of a finger: New scanning solutions hit mainstream
 Computer Reseller News, p93
 Dec 2, 1996
 Language: English Record Type: Fulltext
 Document Type: Magazine/Journal; Trade
 Word Count: 571

... a scanner built into a keyboard. Both units are based on optical technology. The scanners are used in conjunction with NRI software loaded locally on PCs or on servers running Windows software.

"Security has become important in all aspects of computer networks," Fuller said. "If you can never positively identify a user of the system, then all of the other security measures don't matter." For most...

...image of a person's fingertip is captured by a scanner. That image is analyzed by the computer for unique features called "minutiae," creating a unique finger-image identifier number. The finger-image is compared with other identifier numbers stored in a database.

NRI said applications well-suited for fingertip scanning include authenticating the initiator of electronic transactions such as funds transfers, security...

...PC.

A software developer's kit for integrating the technology into an application is priced at \$1,000, plus a \$200 per PC licensing fee.

Server-based software is priced at \$5,000 for a basic solution and \$35,000 for a high-end solution used by organizations such as welfare ...

14/3,K/43 (Item 22 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03773737 Supplier Number: 45365583 (USE FORMAT 7 FOR FULLTEXT)
THE EXPLODING FAX UNIVERSE
Computer Telephony, p123
March, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1506

... in-house BFT routines for transferring files between copies of WinFax PRO.

It is relatively easy to fax out of a LAN through any fax server, but things get rather tricky when receiving a fax, as there are at least six competing methods for routing the fax through the network to you PC, such as manual routing, DTMF, Direct Inward Dialing (DID) where each network user is assigned an individual phone number, even though all the numbers reach one trunk line connected to the modem pool (the software then routes the fax based on what number was actually dialed), Calling Station Identifier (CSID) in which the sender must reproduce the information a fax machine prints at the top of each page to identify the recipient, and Optical...
...modem.

Until the recent development of "front-end" products like TRI's I/Fax Plus, most fax-on-demand systems were (and still are) standalone PCs separate from the fax server. When it came to getting voice response systems to cooperate with existing fax servers, the voice response vendors convinced themselves that they could incorporate fax technology into their voice system themselves and eventually displace the existing installed base of fax servers. They apparently did not realize that much of the groundwork had already been done by the up-and-coming group of fax server manufacturers.

The fax server and fax-on-demand industry has grown to well over \$50 million in sales with a 50% annual growth rate. This growth is driven by...

...such as:

- * the desire for "instant information" 24 hours a day;
 - * the fact that it takes less time and costs less to use a fax server or fax -on-demand system than manually sending a fax or mailing a document;
 - * marketplace competition can be so fierce that your company's "edge
- ...

14/3,K/44 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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0019741988 SUPPLIER NUMBER: 54664748 (USE FORMAT 7 OR 9 FOR FULL TEXT)

VIGLEN: Viglen releases PCs with latest Intel Pentium III processor.

M2 Presswire, NA

May 18, 1999

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 658 LINE COUNT: 00059

... Bus systems including the award-winning Contender Compact Plus, Contender 2 Plus, Genie ES2 Plus and Genie Plus desktop ranges and the acclaimed LX2 Plus ~~server~~ series. Products featuring the new processor will be available for shipping on the launch date.

The Pentium III 550MHz, Intel's highest performance processor for...

...ensuring that the most demanding of applications run at lightning speed, even within multitasking environments. The sheer speed of the Pentium III processor allows desktop PCs to run processor-intensive background tasks such as decompression and real-time virus checking without the user noticing any depreciation in performance of applications active in the foreground. This increases productivity and ensures that network resources are used more efficiently.

Incorporating 70 new instructions, the Pentium III processor dramatically improves the performance of current applications with benefits including exceptional levels...

...this technology now will ensure that users protect their IT investment.

Security is a pressing issue for business users and with their in-built processor ~~serial number~~, Pentium III PCs offer customers peace of mind. The ~~serial number~~ enhances asset tracking and provides a constant ~~identifier~~ for document control, content distribution and e-business transactions.

Commenting on today's announcement, Bordan Tkachuk, Viglen's chief executive said: "Intel's Pentium III..."

14/3,K/45 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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14360383 SUPPLIER NUMBER: 79053383 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The encryption factor.(information gathering practices in e-buisness)(Brief Article)

Hoskins, Juliet

Financial Management (UK), 18

Oct, 2000

DOCUMENT TYPE: Brief Article ISSN: 1471-9185 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1019 LINE COUNT: 00085

... love letter is flattering; an anonymous love letter is creepy," points out Stuart Baker, a solicitor at US firm Steptoe & Johnson.

Privacy should mean that ~~personal~~ information is seen only by

those who need to see it and is not passed to unscrupulous third parties.
The debate centres on whether to...

...worrying trend.

Intel's new P3 processor, for instance, contains a processor serial number unique to that chip and can be set to reveal its **serial number**. Similarly, Microsoft has incorporated into its software a method of identifying each document with a globally unique identifier (GUID) that includes information about the machine on which it was produced. This has already been used to track the author of the Melissa virus...

...to regulate the misuse than to deny everyone better security.

But when it came to authentication, the arguments were reversed. Privacy advocates admitted that the **serial number** and GUID may make network users more accountable and secure, but they could be misused to track users through cyberspace. Their answer, however, was not...

...caused severe problems for those sending data from Europe to America. "The EU directive 95/46 on the protection of individuals over the processing of **personal data** and on the free movement of such data protects users and prohibits data transmissions to countries without the same level of protection," explains Dr Andreas...

...GlobalSign NV. "Data collected in Europe cannot be transmitted to the US for storage or processing."

An issue of substance may also arise over the **personal data** of applicants for digital certificates. Many of these services are offered by European and overseas providers on the world wide web. The EU directive says that **personal data** collected in Europe should remain in Europe.

Of course there have been scandals. "A well-known advertising banner company briefly took its stock off the...

...the European Forum for Electronic Commerce (EEMA). "When the company serves up a banner on one of its 11,000 websites, it gives out a **'cookie'**, a unique code which signals to the company when it has a return visitor. People who don't erase their **cookie.txt** file provide details about how often they visit all those sites.

"The company crossed the line when it launched a personalisation service to collect names, ages, incomes, education, home location, ages of children etc. The company could attach a name and an income to a **cookie** -- it could tell which rich suburban men bought on-line porn, which kids bought the latest NSyncalbum, and where their mothers worked." Juliet Hoskins is...

14/3,K/46 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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12695820 SUPPLIER NUMBER: 66165728 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Web Advertisers Make Promises on Privacy .(Government Activity)
Thibodeau, Patrick
Computerworld, 37
August 14, 2000

ISSN: 0010-4841 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 530 LINE COUNT: 00046

... regulatory guidelines for the collection of online data. The guidelines will ultimately affect e-commerce sites through new contract terms they will get from the network advertisers.

Federal officials said the advertisers will raise the bar on online privacy for e-commerce sites. The advertisers said they hope the guidelines will...

...to take the risk of public backlash" over their privacy practices.

The Federal Trade Commission (FTC) applauded the self-regulation agreement developed by the nine network advertisers, known collectively as the Network Advertising Initiative. But the FTC said privacy legislation will still be needed to ensure that advertisers that aren't part of the group comply.

Network advertisers supply banner advertisements but may also collect data on browsing habits largely through the use of cookies - unique identification tags placed on end users' computers. The agreement requires the consent of end users to collect that data.

But the agreement also opens the door to the most controversial aspect of online profiling: the merging of personal information, including names and addresses, with Web browsing habits - and sharing that information with third parties. Under the agreement, e-commerce sites that take this route...

...privacy advocates who say they fear that end users, who don't understand the implications of advertiser data-sharing agreements, would trust one advertiser with personal data, then find it spread among many others.

"Clearly, if you read any advertising statement, they're not exactly neutral," said Andrew Shen, a policy analyst...

14/3,K/47 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2009 Gale/Cengage. All rts. reserv.

12675222 SUPPLIER NUMBER: 65350761 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Personal Firewall blocks unwanted--and wanted--traffic.(Symantec's Norton
Personal Firewall 2000 2.0)(Software Review)(Evaluation)

CHEEK, MICHAEL

Government Computer News, 19, 27, 38

Sept 11, 2000

DOCUMENT TYPE: Evaluation ISSN: 0738-4300 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 748 LINE COUNT: 00061

... On the other hand, the previous version worked better at hiding the media access control number. The new version did not hide the computer's unique MAC number, which is embedded in the network interface card and should not be revealed.

Personal Firewall 2000 2.0's advanced options include about 75 rules that come with the application to...

...and the rules can be disabled individually.

The security area also can block Java and ActiveX code.

In the privacy area, Personal Firewall can block cookies from specific sites, and the user can store confidential information for automatic use on Web forms and e-mail. If a site or application attempts to access the confidential information, Personal Firewall is supposed to stop the transmission and ask whether to let it continue.

For me, it didn't work that way, however. I entered...

...When Personal Firewall inserted the information in Web forms and e-mail, it did not warn me that I was about to send out confidential data.

Personal Firewall integrates well with Symantec's Norton AntiVirus 2000. For most users, antivirus protection is more important than a firewall, because attacks against individuals generally...

14/3,K/48 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2009 Gale/Cengage. All rts. reserv.

12477034 SUPPLIER NUMBER: 64254642 (USE FORMAT 7 OR 9 FOR FULL TEXT)
BarPoint Service Now Available From A Variety of Wireless Devices Via Go America's Go.Web Service.
Business Wire, 0060
August 16, 2000
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 968 LINE COUNT: 00088

... WIRE)--Aug. 16, 2000
BarPoint.com (Nasdaq:BPNT), the company that is revolutionizing the way shopping decisions are made through the use of unique product identifiers such as Universal Product Codes (UPC), today announced the availability of its BarPoint Shopper(TM) service through GoAmerica, Inc.'s (Nasdaq:GOAM), Go.Web(TM)...

...assisting them in making more informed purchasing decisions.
BarPoint's mobile product information and shopping service is revolutionizing mobile and Internet use of unique product identifiers such as Universal Product Codes (UPC) for businesses and consumers. Available on such devices as PDAs, 2-way pagers and notebook computers, the Go.Web...
...BarPoint a clear advantage over other search services," stated John Macatee, president and CEO of BarPoint.com. "Customizing specific product information for the variety of wireless devices available also insures that BarPoint users get exactly the information they want in an easy-to-use format."

To utilize the BarPoint service, GoAmerica customers...

...menu to conduct on-line product research, or price comparisons. BarPoint is optimized for use with the limited bandwidth, screen size and battery life of mobile devices, which means obtaining product specific information is as easy as entering a product's unique identifier, such as the barcode number, instead of keywords, and the results returned are product-specific.

GoAmerica's Go.Web(TM) service enables the mobile professionals...

...Internet when away from the office. The Go.Web(TM) technology

intelligently compresses, encrypts and reformats data, optimizing it for viewing on a variety of wireless devices and data networks.

Try BarPoint for Yourself

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through their website (www.barpoint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact and product information, competitive...

...Internet shopping information; bridging the gap between the broad selection of products offered online with the confidence and satisfaction of retail shopping. Using unique product identifiers, such as the UPC barcode, and patent pending "reverse search" technology, BarPoint provides consumers and businesses with easy, efficient access to comparative pricing, product and...

14/3,K/49 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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12464798 SUPPLIER NUMBER: 63841601 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Privacy in the Digital Age.
Blotzer, Michael J.
Occupational Hazards, 62, 7, 29
July, 2000
ISSN: 0029-7909 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1600 LINE COUNT: 00143

... way through cyberspace, corporate computers are stalking you and creating a profile of your activities, often without your knowledge.

Online companies develop these profiles with "cookies," small text files placed on your hard drive by a Web server that identifies you to the site. Cookies are not necessarily bad; they actually make surfing easier, eliminating the need to enter your ID and password each time you visit a members-only site and helping customize the information presented on personalized Web pages.

Online advertisers, like DoubleClick (www.doubleclick.net), however, use cookies to track a user's online activities. Whenever you visit a Web site with DoubleClick-furnished advertisements, the URL of the site visited is sent to DoubleClick, along with a unique ID number in your cookie file. Because DoubleClick furnishes advertising to a large number of Web sites, the company can track you as you travel between sites. Over time, a profile can be used to infer sensitive personal information, such as medical conditions, political and religious beliefs, or sexual preferences.

According to PC World magazine, DoubleClick has profiled more than 100 million users. DoubleClick...

14/3,K/50 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

(c) 2009 Gale/Cengage. All rts. reserv.

12369128 SUPPLIER NUMBER: 62956522 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software Automates Web Promotions.
Kemp, Ted
InternetWeek, 22
June 26, 2000
ISSN: 1096-9969 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 639 LINE COUNT: 00056

... with its wineskins and wine glasses.

The software makes educated guesses about visitors' interests based on the pages they visit. Shoppers are identified either through cookies, an attached registration ID or through a session ID assigned when they arrive at the site. The technology builds a database that remembers which offers have been best received...

...decide which pages will contain HTTP tags for tracking users, selecting offers or posting offers. Each page can hold as many as three tags. The server software uses an XML interface to connect to those merchant tags, sending across offer text and graphics as HTML fragments.

While it measures what portion...

...the Personal Shopping E.assistant doesn't measure conversion rates. Vieth said Dynaptics hopes to add that capability down the line.

Dynaptics' second product, the Personal Information E.assistant, is designed for auction or exchange sites. It includes the same control panel, analytical and systems management components as the Shopping E.assistant...

...Dynaptics designed the PIE "in concert with eBay," Vieth said, but he declined to specify whether the auction giant is a Dynaptics customer.

An unlimited server license for the Personal Shopping E.assistant costs \$75,000, plus an annual maintenance fee of \$11,250. Or merchants can pay on a click...

14/3,K/51 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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12094562 SUPPLIER NUMBER: 62160644 (USE FORMAT 7 OR 9 FOR FULL TEXT)
AT&T Wireless Selects BarPoint as Featured Mobile Shopping Offering on the
AT&T Digital PocketNet Service for Web-enabled Wireless Phones.
Business Wire, 0100
May 18, 2000
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1028 LINE COUNT: 00092

... user experience on wireless phones as it does on desktop computers. Accessing BarPoint to obtain product information from AT&T's PocketNet service on a mobile phone is as easy as dialing a long distance phone number," stated John Macatee, CEO of BarPoint. "A key benefit is BarPoint's use of unique product identifiers such as a UPC number, rather than keywords, to deliver very specific, targeted results without needing to scroll through hundreds of mismatched links, allowing users...

...decision."

Through the partnership, AT&T Digital PocketNet subscribers will now have convenient access to BarPoint.com's unique, patent-pending reverse search technology from ~~mobile phones~~. This will allow them to obtain product-specific information, competitive pricing and manufacturer information and will assist them in making more informed purchasing decisions.

Availability...

...utilize the new Tegic T-9 "quick-type" key pads.

Try it for Yourself Using the Web

By entering or scanning in a product's ~~unique~~ barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through its website (www.barpoint.com) or on your web-enabled ~~mobile device~~, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact and product information, competitive...

...to customers across the globe. Backed by the research and development capabilities of AT&T Labs, the company has one of the largest digital wireless networks in North America. The company's AT&T Digital One Rate(sm) offer revolutionized the industry by introducing a national wireless plan with no roaming...

14/3,K/52 (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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12072554 SUPPLIER NUMBER: 61994348 (USE FORMAT 7 OR 9 FOR FULL TEXT)

BarPoint Joins Phone.com Alliance Program and RTS Wireless to Expand

Network of Wireless Service Providers.

Business Wire, 1160

May 10, 2000

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1140 LINE COUNT: 00103

... and to coordinate the exchange of ideas and information among Alliance Program members, other companies developing wireless Internet products and services, and Phone.com's ~~network~~ operators. BarPoint joins a growing list of alliances that include content providers, application developers, tools providers and systems integrators using the Phone.com Product Family...

...and services. The RTS Wireless Advantage system provides a secure connection point where multiple Internet content providers and application developers can connect to a wireless network to distribute on-demand, individualized content to subscribers with ~~wireless devices~~.

BarPoint.com is an Internet shopping and information resource service designed to help consumers make more informed purchasing decisions. Consumers can use BarPoint's patent-pending "reverse search" technology to leverage unique product ~~identifiers~~, such as UPCs, to immediately get assistance in learning about, comparing and ultimately purchasing millions of products. Other shopping and product information services force

consumers to drill down through unwanted information, making the search more difficult and time consuming, especially with the limited bandwidth, screen size and battery life of mobile devices. BarPoint increases the ease of entering and obtaining product information by using the unique product identifier, instead of keywords, and returning product-specific information.

Try it for Yourself Using the Web

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through their website (www.barpoint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact information, competitive pricing from...

...Internet shopping information; bridging the gap between the broad selection of products offered online with the confidence and satisfaction of retail shopping. Using unique product identifiers, such as the UPC barcode, and patent pending "reverse search" technology, BarPoint provides consumers and businesses with easy, efficient access to comparative pricing, product and...

14/3,K/53 (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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11947920 SUPPLIER NUMBER: 61404165 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Checkpoint System's RFID Technology Selected by Unique ID for Media Asset Tracking.
Business Wire, 1559
April 10, 2000
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 746 LINE COUNT: 00065

... customers in the broadcast television and film/video post-production industries. Unique ID has a primary focus towards internet-based solutions including design, e-commerce, network security and web hosting. Unique ID is a part-owned subsidiary of the Smoke & Mirrors Group.

Unique ID's CakeS media asset-tracking solution is targeted at the video, post-production, film, and 3D animation industries. CakeS is unique in that the impact...

...is minimal, yet it can show users on request copies of any video, film or 3D stored within the facility. The system combines a unique identifier on tapes, and other physical assets, with a proprietary digitizing station to create streamable proxy clips in real-time from the original tape media. CakeS...

...Checkpoint is a leader in the development of RFID technology across all industries and a leading provider of RF source tagging, barcode labeling systems, EAS, hand-held labeling systems, and retail merchandising systems. Applications include automatic identification, retail security, and pricing and promotional labels. Operating in 27

countries, Checkpoint has a global network of subsidiaries and provides professional customer service and technical support around the world. Checkpoint Systems, Inc.'s web site is located at www.checkpointsystems.com.

14/3,K/54 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10933236 SUPPLIER NUMBER: 54301551 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SECURITY WATCH.(Intel's Pentium III Processor Serial Number and Microsoft's
Windows 98 Registration Wizard and Office 97 Unique Identifier)(Product
Information)
InfoWorld, 21, 14, 52(1)
April 5, 1999
ISSN: 0199-6649 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 751 LINE COUNT: 00061

... commerce. (Check out bigbrotherinside.com for a sampling.)
The basic concern is that, although Intel has supplied a software utility to disable the chip identifier, the very existence of such a feature will inevitably lead to less security and privacy for all PC-using Internet surfers. This was aptly demonstrated...

...if it can be turned off in software, then it certainly can be turned on in software.

Furthermore, ZKS' control writes the PSN to a cookie that could be read by any Internet site -- or trivially forged by the end-user. So much for strong authentication.

Microsoft got caught in the...
...its customers when its Windows 98 Registration Wizard was revealed to send hardware identification information to Microsoft over the Internet. Also, Office 97 inserts a unique identifier number derived in part from a network card into documents. To Microsoft's credit, and in an unusual reversal of the "it's a feature, not a bug" mind-set, the company...

...microsoft.com/presspass/features/1999/03-08custletter2.htm for more details and patch information.)

We can understand why you might take umbrage at having any personal data sent to big corporations via public networks, but what does this really mean for corporate IT shops trying to keep a lid on a boiling pot of information leaks?

In the Intel...

14/3,K/55 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10847986 SUPPLIER NUMBER: 53982408 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Technology is increasing privacy, not threatening it.(Technology
Information)(Column)
Moschella, David
Computerworld, 33(1)

March 1, 1999
DOCUMENT TYPE: Column ISSN: 0010-4841 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 604 LINE COUNT: 00050

... eventually will take us to an even more secure level.
Don't get me wrong: There are certainly plenty of legitimate risks. Credit-card information, **cookies**, registration information and similar Web-usage data can all be seriously abused.
We should be thankful that watchdog groups voluntarily stay on top of the situation and push Intel to be smarter about **serial numbers** and embarrass GeoCities for not respecting the confidentiality of its customer information. It's simply naive to think that pure industry self-regulation won't...

...the biggest threat to privacy isn't computers at all, but the very media that complain about them so much. The same newspapers and TV **networks** that love to scare us about the Web don't think twice about splashing intimate **personal information** all around the world.

Of course, scaremongering does make for some excellent books and movies. We can all enjoy George Orwell's 1984 or last...

14/3,K/56 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10847879 SUPPLIER NUMBER: 53975783 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Halt! Who goes there?(Letter to the Editor)
PC Week, 115(1)
March 1, 1999
DOCUMENT TYPE: Letter to the Editor ISSN: 0740-1604 LANGUAGE:
English RECORD TYPE: Fulltext
WORD COUNT: 836 LINE COUNT: 00068

... Machrone said, the benefits of validation outweigh the potential abuse or criminal issues.

Machrone is the only journalist who rightly points out the wealth of **serial numbers** already associated with an individual. Why the average person would have privacy concerns now is a mystery. Do folks remember that they have one or...

...now. How and when this information is used is of concern not the fact that the information exists.

Mark Harris Director of Channels Marketing Extreme **Networks**
Cupertino, Calif.

Bill Machrone's column on **serial numbers** was wrong on both technical and emotional grounds.

He states that every PC already has a **unique ID** on its NIC. Yes, but the MAC address does not get sent to the destination address unless the destination is on the same subnet. Almost no one sees your MAC. He says that every **cell phone** has a **unique ID**. Yes, but it does not get sent to the person you're calling, only to the service provider. Caller ID would have been a better...

...am not a privacy fanatic who thinks there are people tracking me on the

Internet. I don't use anonymous remailers, and I let most cookies through. Even so, I am bothered by a method to permanently track me. It would be like requiring people to leave their Social Security numbers...

14/3,K/57 (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10801457 SUPPLIER NUMBER: 53736364 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Our Processors, Our Privacy.(Intel's Pentium III will ship with the serial number deactivated to ensure user privacy)(Product Information)(Editorial)
PC Week, 16, 6, 64(1)
Feb 8, 1999
DOCUMENT TYPE: Editorial ISSN: 0740-1604 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 558 LINE COUNT: 00046

... most part should not only have no problem with Intel's direction but should welcome it.

On the consumer side, Intel thought that putting unique identifiers on its chips would become an enabling technology for e-commerce--something that increasingly active Web shoppers would like. The fears and subsequent overreaction of...

...entirely at Hollywood. It has been targeting consumers for years with its Intel Inside advertising and branding campaign. The reaction of the public to the serial number scheme recalls the brouhaha over the Pentium mathematical flaw several years ago. In that case, the public was being sold a trusted name and felt...

...is best for it. Intel should have better learned that lesson from the math error fiasco.

It may be clear to corporate IT that processor serial numbers have less potential for harm than the data printed on personal checks, airline mileage cards or tax forms sent through the mail. But consumers are another matter. The same Intel chips that go into business desktops and servers also go into consumer PCs. And both constituencies have a right to satisfaction.

The public wants choice. It will have that choice because the Pentium III will ship with the serial number deactivated. It's an acceptable approach for now. Intel must go further down this "have it your way" path, and corporate IT should join the...

14/3,K/58 (Item 15 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10783259 SUPPLIER NUMBER: 53683861 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Just a number.(Intel's plan to put electronically readable serial numbers on its microprocessors)(Company Business and Marketing)
Hayes, Frank
Computerworld, 69(1)
Feb 1, 1999

ISSN: 0010-4841 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 593 LINE COUNT: 00048

... for a fight, promised to turn off the CPU ID feature by default.

Maybe it's just too much of a good thing. A CPU ~~serial~~
~~number~~ is good. But an easy-to-steal, easy-to-spoof ~~serial~~
~~number~~ won't help anyone's E-commerce security.

Look, if a user's browser provides the CPU ID number, any Web site
can collect it...

...Information Center, threatened Intel with a boycott last week.

Hogwash. Nobody is anonymous on the Web -- except maybe hackers who
carefully cover their tracks. Web servers log each user's IP address.
Most users accept "cookies" specifically designed to identify them in
the future, and cheerfully type in personal information without
hesitation. Internet privacy is already rare, and Web anonymity
nonexistent. As a threat, CPU ID is just one more drop in the bucket.

All of which is really beside the point. What makes Intel's new CPU
~~serial number~~ a good thing is that it's just that -- a
~~serial number~~. Sure, it may be a bust in E-commerce, but it
still can be handy for keeping track of PCs inside a corporate IT
shop.

So turn on the CPU ID feature to log PCs when they arrive. Use
it to track them as they're moved, reassigned and reconfigured inside your
organization. Keep it for identifying stolen PCs if they're recovered
and figuring out the speed and capabilities of a CPU. Even use it to check
which chips need replacing, if Intel...

...much of a good thing -- do you? w

Frank Hayes, Computerworld's staff columnist, has covered computing
for 20 years and only accepts chocolate chip cookies. His Internet
address is frank...

14/3,K/59 (Item 16 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10631239 SUPPLIER NUMBER: 20645055 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Micro House Delivers ImageCast(TM) Deluxe 2.1

PR Newswire, p528LATH009

May 28, 1998

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 608 LINE COUNT: 00058

customization, integrated SID creation, and DHCP client support
BOULDER, Colo., May 28 /PRNewswire/ -- Micro House International,
Inc., a leading provider of disk imaging technology, announced today the
shipment of ImageCast Deluxe 2.1. This new hard drive image duplication
upgrade includes automated post-imaging customization of client
PCs, enhanced integrated security identifier (SID) creator for
Windows NT, DHCP client diskette support, greatly enhanced
ClientBuilder application, and several popular Micro House
SupportSource-based information modules on CD-ROM.

Following the TCP/IP multicast process, ImageCast Deluxe 2.1 further
shortens network workstation setup by automatically configuring each

PC's Windows registry with unique parameters. This post-configuration process will handle Microsoft **Networking** parameters, which include the computer name, domain or workgroup name, **network** login name, IP address, and the subnet mask. This is another step forward in reducing overall PC setup time.

With ImageCast Deluxe 2.1, after the transmission of an image is completed, the controller automatically and safely creates a **unique** SID **number** for each cloned Microsoft Windows NT workstation. The ability to disable the SID creator function is available in both multicast and standalone modes.

"Micro House...

...ImageCast 2.1 is another major step forward by Micro House in reducing PC setup time with faster imaging and automated post-configuration-enabling Windows PCs to login to the **network** upon booting up the first time," says Dan Eccher, ImageCast product manager. Eccher goes on to say, "I am confident Micro House is driving the...

...International, a privately held company headquartered in Boulder, Colorado, is a leading provider of PC hardware technical information libraries and utilities for hard drives and **network** image duplication. Micro House information products and utilities are used by hardware technicians, **network** administrators, help desk and IT professionals, resellers, and system integrators throughout the world for installation, maintenance, and upgrades of multivendor PCs and **networks**. The company's key information products and utilities are SupportSource, the Support On Site product family (recently acquired from Ziff-Davis), the Micro House Technical...

14/3,K/60 (Item 17 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10415918 SUPPLIER NUMBER: 21049057 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The Defenders.(software for protecting yourself online)(Buyers Guide)
Gibbs, Mark; Lasky, Michael S.
PC World, v16, n9, p140(1)
Sep, 1998
DOCUMENT TYPE: Buyers Guide ISSN: 0737-8939 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 6622 LINE COUNT: 00519

... use of measurable physiological characteristics, such as fingerprints or facial features, to authenticate a user.

Ciphertext: Scrambled, unreadable contents of an encrypted message or file.

Cookie: A block of text that is placed in a file on your hard drive by a Web site when you visit it. A cookie is used to identify you the next time you access the site.

Decrypt: To decode data from its protected, scrambled form so it can be...

...the main body of an e-mail message--that can be used by the recipient to authenticate the identity of the sender.

Encrypt: To scramble data into a private code.

Firewall: A computer, with associated software, that is used to prevent outsiders from obtaining unauthorized access to a private computer network.

Password: A private and unique series of numbers, letters, or both that enables the person who uses it to gain access to data. A longer password is called a passphrase.

Private Key: A data file that is assigned to a single individual to use in decrypting messages previously encrypted through use of that person's public key.

Public Key...

14/3,K/61 (Item 18 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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09854797 SUPPLIER NUMBER: 19966091 (USE FORMAT 7 OR 9 FOR FULL TEXT)

ViaTech Introduces Adaptive Fingerprint Security With VT Protect 5.0,
Premier Software Piracy Prevention Solution.
Business Wire, p11101221

Nov 10, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 992 LINE COUNT: 00098

... the new product enhancements, VT Protect also includes these important features:

- Unique system "fingerprint":

An innovative process of hardware and software system checks determines a unique system ID or "fingerprint," which is,

in

turn, used as part of the encryption scheme for password generation.

- Advanced encryption scheme:

VT Protect features a "multi-pass...

...of information, scrambles it with

the first, then finds a third piece of information, combines that with the first two, as so on until an identifier

completely

unique to the system is created.

- Comprehensive license customization options:

VT Protect's customizable license enforcement provides software developers with expanded control over product...

...make up the license password contents. Developers are able

to create variable security mechanisms for their offerings, rather than having to use predefined security controls.

- Network independent operation:

VT Protect's network independent license operation provides software developers with the flexibility to address the needs of users on corporate networks as well as those of software buyers with stand-alone home PCs and nomadic laptops. Unlike existing solutions, VT Protect does not require a network server

or

network-served metering software.

- Multiple licensing options:

Varied license choices include duration control, as well as single, floating, site and unlimited license options. This allows software...

14/3,K/62 (Item 19 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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09829768 SUPPLIER NUMBER: 17613539 (USE FORMAT 7 OR 9 FOR FULL TEXT)
CTIA simplifies roaming and billing agreement process.
Mobile Phone News, v13, n39, p4(1)
Sep 25, 1995
ISSN: 0737-5077 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 461 LINE COUNT: 00042

... to assigning the SID and BID codes for A-, B-, C-, D-, E- and F-block licenses, Cibernet will assign the equipment manufacturer codes for PCS terminals. The first international mobile equipment identifier code (IMEI) already was assigned to L.M. Ericsson's (ERICY) global system for mobile communications (GSM) phones. Equipment manufacturer codes are used to reference the IMEI and/or the electronic serial number assigned to equipment.

As part of its effort to ease billing and roaming agreements among carriers, Cibernet plans to launch the Cibernet Online Roaming Database...

...committee, which is responsible for developing roamer billing standards among GSM carriers.

...IBM, GTE Launch Roaming and Billing Management Solution

In related news, IBM Global Network (IBM) joined GTE Telecommunication Services (GTE) to offer a solution to tracking subscriber roaming and distributing operator revenues appropriately. GTE modified its ACCESS Settlement and...

14/3,K/63 (Item 20 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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09163776 SUPPLIER NUMBER: 18919753 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ID at touch of a finger. (fingerprint identification technology)
(Technology Information)
Yamada, Ken
Computer Reseller News, n713, p93(2)
Dec 2, 1996
ISSN: 0893-8377 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 619 LINE COUNT: 00052

... a scanner built into a keyboard. Both units are based on optical technology. The scanners are used in conjunction with NRI software loaded locally on PCs or on servers running Windows software.

"Security has become important in all aspects of computer networks," Fuller said. "If you can never positively identify a user of the system, then all of the other security measures don't matter." For most...

...image of a person's fingertip is captured by a scanner. That image is analyzed by the computer for unique features called "minutiae," creating a unique finger-image identifier number. The finger-image is compared with other identifier numbers stored in a database.

NRI said applications well-suited for fingertip scanning include authenticating the initiator of electronic transactions such as funds transfers, security...

...PC.

A software developer's kit for integrating the technology into an application is priced at \$1,000, plus a \$200 per PC licensing fee.

Server-based software is priced at \$5,000 for a basic solution and \$35,000 for a high-end solution used by organizations such as welfare ...

14/3,K/64 (Item 21 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07523474 SUPPLIER NUMBER: 15804898 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Appraiser introducing quick data on 5,500 limited partnerships.

(Partnership Valuations Inc., appraiser of limited partnerships)

Marjanovic, Steven
American Banker, v159, n172, p15(1)
Sept 7, 1994

ISSN: 0002-7561 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 613 LINE COUNT: 00049

... It has the potential to be a good product," Mr. Bajor remark. ed.
"I don't know of anyone else providing it."

Using passwords for access to Private Valuations' computer, customers will key in using a partnership's tax ID number. Customers then receive reports in one of two formats.

The first format...

...s name, fair market value, and valuation date.

Additionally, through an arrangement with Standard & Poor's CUSIP Bureau, partnerships that the company has valued are assigned actual CUSIP numbers regardless of the partnership's size.

Mr. Davidson believed the CUSIP number, the nine-digit identifier of U.S. securities, justified the cost of the report since fewer than 2,000 of the 100,000 partnerships actually have those numbers.

"We...

...allows bank officials to get more detailed information.

The reports can be delivered automatically to either a fax machine or PC.

The system uses Novell networking software, a Lotus Notes groupware package, and a customized version of Phone Notes. The system automatically faxes or sends reports by modem into a PC...

14/3,K/65 (Item 22 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07292605 SUPPLIER NUMBER: 15542853 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SPIN-out. (single prescriber identification number; electronic identity
system for health care providers still to be developed)(includes sidebar
on IDs for patients)
Winkler, Connie
American Druggist, v210, n2, p28(2)
June, 1994
ISSN: 0190-5279 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1271 LINE COUNT: 00105

... an invasion of privacy since many agencies now have access to individuals' Social Security numbers. So everyone is moving cautiously when it comes to establishing individual identity numbers. Even the American Health Information Management Assn., which is concerned with the privacy of medical records, has yet to issue a position on universal identifiers. Too many groups feel too strongly about too many proposals, explains Mary D. Brandt, director of policy and research for the organization.

Some privacy rights groups say just having a medically linked number is far too invasive. "Health information and the medical records include sensitive personal information," says a report issued last year by the congressional Office of Technology Assessment. Although the report makes no recommendations, it raises warnings about universal health...

...controversy, the Clinton Administration's health care reform emphasis clearly is giving the issue new urgency. "The Clinton Administration is very supportive of an electronic network for exchanging health information," says Brandt. "Clearly, to do that there has to be some sort of linkage between records."

14/3,K/66 (Item 23 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05485006 SUPPLIER NUMBER: 11401290 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Limits to extending call centers across the WAN. (wide area network)
Borton, Gregory F.
Business Communications Review, v21, n10, p44(5)
Oct, 1991
ISSN: 0162-3885 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 3603 LINE COUNT: 00285

... the ACD and a remote PC. The key is to manage and coordinate the activities such that there is no confusion about which system or network element has control over the call, and that involves four critical functions:

1. Knowledge of Status: The call management software must be able to determine...

...telephone or personal computer. The call routing software cannot determine the appropriate call processing activity without knowing the status of the devices in the ACD network configuration.

2. Support for Call Processing Requests: The call management software must be able to initiate call processing activities, such as routing or

deflecting calls to remote sites or queues, initiating transfers and conferences, changing the agent's set from ready to busy modes, etc.

3. Unique Call Identification across the Network:

The identification of each call must be available to software applications as the call is routed through the distributed service center. Unless each call is uniquely identified, and unless that unique identifier stays with that call throughout the system, there is no capability for coordinating call processing and data processing activities on a per-call basis.

4...

...center.

A Framework for Viewing the Technology

Classifying the approaches to distributing ACD features to other ACDs or to remote sites with only phones and PCs (or terminals) provides a framework for understanding the progress of evolving ACD features into the wide area. (See "Do ACD Features Meet Strategic Goals?" in BCR, March 1991, pp. 37-43, for a wider view of the evolving role of ACDs in corporate networks.) * Standalone ACDs: In a standalone ACD, the call processing software is a single point of control; the ACD is unable to share call processing control...

14/3,K/67 (Item 24 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05441838 SUPPLIER NUMBER: 11232895 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Center keeps USPS advanced research flowing. (the US Postal Service
Engineering and Development Center) (GCN Profile: U.S. Postal Service)
Rogers, Bill
Government Computer News, v10, n18, p74(2)
Sept 2, 1991
ISSN: 0738-4300 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 700 LINE COUNT: 00054

... will track express mail and eventually perhaps other mail. When an express mail package arrives at a post office, it will be scanned for a unique bar code. The package identifier and the time will be entered into the CTT system and sent to a host computer.

At the destination mail facility, the mail will be...

...and sent to a database on an IBM Corp. 3090 host, current to within 30 minutes.

To scan the packages, Postal Service employees will wield handheld scanners, 20,000 of which are being leased from Symbol Technologies Inc. of Bohemia, N.Y.

After scanning a piece of mail, an employee replaces the scanner in a cradle that contains a modem. That dials a local number to get into a network and report the status of the package.

A test in July tracked thousands of transactions with a perfect score.

The service also has been working...

14/3,K/68 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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02442304 SUPPLIER NUMBER: 66165728 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Web Advertisers Make Promises on Privacy .(Government Activity)
Thibodeau, Patrick
Computerworld, 37
August 14, 2000
ISSN: 0010-4841 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 530 LINE COUNT: 00046

... regulatory guidelines for the collection of online data. The guidelines will ultimately affect e-commerce sites through new contract terms they will get from the network advertisers.

Federal officials said the advertisers will raise the bar on online privacy for e-commerce sites. The advertisers said they hope the guidelines will...

...to take the risk of public backlash" over their privacy practices.

The Federal Trade Commission (FTC) applauded the self-regulation agreement developed by the nine network advertisers, known collectively as the Network Advertising Initiative. But the FTC said privacy legislation will still be needed to ensure that advertisers that aren't part of the group comply.

Network advertisers supply banner advertisements but may also collect data on browsing habits largely through the use of cookies - unique identification tags placed on end users' computers. The agreement requires the consent of end users to collect that data.

But the agreement also opens the door to the most controversial aspect of online profiling: the merging of personal information, including names and addresses, with Web browsing habits - and sharing that information with third parties. Under the agreement, e-commerce sites that take this route...

...privacy advocates who say they fear that end users, who don't understand the implications of advertiser data-sharing agreements, would trust one advertiser with personal data, then find it spread among many others.

"Clearly, if you read any advertising statement, they're not exactly neutral," said Andrew Shen, a policy analyst...

14/3,K/69 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02441039 SUPPLIER NUMBER: 65350761 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Personal Firewall blocks unwanted--and wanted--traffic.(Symantec's Norton
Personal Firewall 2000 2.0)(Software Review)(Evaluation)
CHEEK, MICHAEL
Government Computer News, 19, 27, 38
Sept 11, 2000
DOCUMENT TYPE: Evaluation ISSN: 0738-4300 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 748 LINE COUNT: 00061

... On the other hand, the previous version worked better at hiding the media access control number. The new version did not hide the computer's unique MAC number, which is embedded in the network interface card and should not be revealed.

Personal Firewall 2000 2.0's advanced options include about 75 rules that come with the application to...

...and the rules can be disabled individually.

The security area also can block Java and ActiveX code.

In the privacy area, Personal Firewall can block cookies from specific sites, and the user can store confidential information for automatic use on Web forms and e-mail. If a site or application attempts to access the confidential information, Personal Firewall is supposed to stop the transmission and ask whether to let it continue.

For me, it didn't work that way, however. I entered...

...When Personal Firewall inserted the information in Web forms and e-mail, it did not warn me that I was about to send out confidential data.

Personal Firewall integrates well with Symantec's Norton AntiVirus 2000. For most users, antivirus protection is more important than a firewall, because attacks against individuals generally...

14/3,K/70 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02414620 SUPPLIER NUMBER: 62956522 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software Automates Web Promotions.(Personal Shopping E.ssistant by
Dynamics)(Product Information)
Kemp, Ted
InternetWeek, 22
June 26, 2000
ISSN: 1096-9969 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 639 LINE COUNT: 00056

... with its wineskins and wine glasses.

The software makes educated guesses about visitors' interests based on the pages they visit. Shoppers are identified either through cookies, an attached registration ID or through a session ID assigned when they arrive at the site. The technology builds a database that remembers which offers have been best received...

...decide which pages will contain HTTP tags for tracking users, selecting offers or posting offers. Each page can hold as many as three tags. The server software uses an XML interface to connect to those merchant tags, sending across offer text and graphics as HTML fragments.

While it measures what portion...

...the Personal Shopping E.ssistant doesn't measure conversion rates. Vieth said Dynamics hopes to add that capability down the line.

Dynamics' second product, the Personal Information E.ssistant, is designed for auction or exchange sites. It includes the same control panel, analytical and systems management components as the Shopping E.ssistant...

14/3,K/71 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02368140 SUPPLIER NUMBER: 59120955 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Your Browser is Selling You Out.(the danger cookies pose to personal
privacy when online)(Internet/Web/Online Service Information)
PC/Computing, 90
March, 2000
ISSN: 0899-1847 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1357 LINE COUNT: 00113

... you run a Web site that includes online advertising or e-commerce capabilities? If you let an Internet ad agency place ads on your Web server, be sure you understand fully how its information collection policies sync with yours. You owe it to your customers to collect only information you truly...

...beware3.html). This report by the Electronic Privacy Information Center (EPIC) is a no-punches-pulled review of how the 100 top e-tailers handle personal data. For consumers it offers an excellent primer on how to decipher the legalese in a typical privacy statement; for businesses it provides detailed instructions on how to create a meaningful privacy policy.

The results of EPIC's study are depressing: All 100 sites collect personal information, such as names, addresses (snail mail and e-mail), and phone numbers, and 86 sites use cookies. Only 21 of the top 100 sites appeared to limit the uses of personal information to that required for the transaction, and more than one-third include profile-based advertising without any warning to customers.

Internet ad agencies rationalize profiling...

...low; the best way for ad agencies to make money fast is to mine their data and deliver targeted lists of prospective buyers to their clients.

Of course, cookies aren't the only way to siphon data from your computer to a far-off server. With the explosion in popularity of always-on Internet connections, it's trivially easy for software developers to write Internet connection code into their releases...

...the Trojan horse comes in the form of trusted software? Just last year three popular programs were discovered to be making surreptitious Net transmissions. Real Networks' RealJukebox transmitted statistics about music files to the mothership. Comet Cursors, a browser add-in that transforms the ordinary mouse pointer into a custom image at partner sites, sent serial numbers (stored in a cookie, naturally) back to a central server to track its product's usage. And a silly holiday-themed computer game called Elf Bowling wasn't infected with a virus, as persistent Web...

14/3,K/72 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2009 Gale/Cengage. All rts. reserv.

02304582 SUPPLIER NUMBER: 54841545 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Big Brother Inside: Should You Care?(Intel Pentium III
microprocessor)(Product Information)
Steinke, Steve
Network, NA
May 1, 1999
ISSN: 1093-8001 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 938 LINE COUNT: 00074

... the performance difference.
Certainly the concept for a software-readable ESN isn't a new thing.
Every business PC has one, sort of, in the network card's MAC
address. Every cell phone has one, too; that's how the cellular
network identifies and communicates with your phone.
Were Intel to leave it at that level, that would be fine. Few would
object to an on-chip...

...local tools like Windows' System Information utility, by diagnostic
software, or by authorized asset-management suites. But no. Intel is going
farther: The CPU's serial number can be read by e-commerce
sites.

THE BAD
Intel claims that this "feature" will be a boon to e-commerce by
allowing vendors to...

...trace each of your visits and learn what you're looking for-even if you
don't give your name or if your system blocks cookies. If you ever
buy anything, Vendor A can match your name and demographics against that
ESN. This, says Intel, is good: If someone else comes...

14/3,K/73 (Item 6 from file: 275)
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02302029 SUPPLIER NUMBER: 54783390 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Secure Your Systems.(Letter to the Editor)
Cobb, Michael
e-Business Advisor, 17, 6, 44
June, 1999
DOCUMENT TYPE: Letter to the Editor LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 1568 LINE COUNT: 00131

... dump could contain far more sensitive information than your e-mail
password.

Q: Although the debate continues over Intel's new Pentium III chip's
unique ID and its plans to use it for identification over the
Internet, I see it as a great opportunity to enhance network security. Are
there any similar ID numbers already in use, and what are your thoughts
about the concept of a unique identifying number? Do you know of any
companies planning to incorporate it into their software?

--Nigel White, Buffalo, New York

A: The serial number stamped into the circuitry of Intel
Pentium III chips could increase network security by creating a universal
identifier. Identity information is a major aspect of...

...to help them function correctly and protect against fraud. Cellular telephones, for example, currently have two numbers: the telephone number and a permanently fixed electronic **serial number** to protect against theft or fraud. This **serial number** is accessible to the cellular telephone network. As cellular phones add Internet browsing and e-mail capabilities, they'll have the same identity capability as the Intel processor **serial number**. The Federal Communications Commission is also developing regulations to require cellular telephones to report their precise location for 911 emergency calls.

ID numbers are also essential for any computer connected to an Ethernet network, to identify it to the local network. Developers find the Ethernet **unique hardware identification number** a convenient and widely-available identifier. (All Apple iMac machines come with an Ethernet connection that has a **unique permanent number** installed in the factory.) While the Ethernet number isn't broadcast over the Internet, it could easily be obtained by a software application such as ...

...of what information is being obtained or stored about them. Microsoft definitely overstepped the mark with its registration process for Windows 98. Unlike the Intel **serial number** that computer users can turn off, during the optional Windows 98 registration process, users whose computers have an Ethernet adapter card transmit its ID number...

14/3,K/74 (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02280980 SUPPLIER NUMBER: 54210971 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Too late to plea for privacy.(Industry Trend or Event)(Column)
Schofield, Jack
Computer Weekly, 43(1)
March 18, 1999
DOCUMENT TYPE: Column ISSN: 0010-4787 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 312 LINE COUNT: 00026

... IIIs, of course, and the number can be turned off, but they are still very, very worried.

But, funnily enough, most of them already have **unique ID numbers** in their PCs, and they have had them for years.

Then along comes Microsoft to turn irony into farce.

Not only do most of these people have a **unique identifier** in their personal computers, but - as we now know, thanks to Phar Lap Software - Microsoft had kindly included this number in their Office 97 files.

Corporate **network** managers can therefore say exactly which computer was used to create an anonymous Word, Excel or PowerPoint document, though not who was using the computer...

...will find a long number that ends something like 0 0 A 0 2 4 A B 3 6 0 3.

This is the NIC (**network** interface card) address, 00-A0-24AB-36-03.

Ethernet cards have addresses. The address on the Ethernet card in your computer is. I'm told...

14/3,K/75 (Item 8 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02275338 SUPPLIER NUMBER: 54025407 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Intel Embeds Unique IDs.(in Pentium III microprocessors)(Product
Information)
Halpin, Jon
Computer Shopper, 19, 4, 337(1)
April, 1999
ISSN: 0886-0556 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 460 LINE COUNT: 00039

... chip, code-named Katmai, will be formally known as the Pentium III.
The company will also release chips, called Pentium III Xeons, that target
the server market and include enhanced Internet functionality. Going
forward, Intel's product line will comprise only Pentium IIIs and Celerons.

In the second announcement, Intel stated its plans to add a new
security feature to its Pentium III line: an embedded ID/serial
number in each chip. The ID number will more accurately identify the
system owner and offer greater protection. The ID chips were designed in an
effort to address antitheft and antifraud concerns, and the growing
security issues surrounding e-commerce.

Along with the serial number, Intel is adding a
hardware-based random-number generator to its processors to provide the
most robust encryption security. The number generator works in conjunction
...

...a user buys a system, the ID feature is automatically enabled, so that
merchants and other authorized parties can verify the user's identity. This
identifier will go a long way toward preventing stolen PCs from
being sold on the Internet, as those serial numbers will be
blacklisted. For Internet business, the IDs can significantly cut down on
consumer fraud.

Privacy advocacy groups, however, say this type of feature violates
...

...that the disable feature should be the default when consumers buy a
system.

Privacy concerns aside, the move to include more robust security
features in PCs is a necessary step for existing in an
Internet-centric business world. According to Intel, the serial
numbers will initially appear only in the Pentium III processors, but
later will be added across the line to Celeron chips.

14/3,K/76 (Item 9 from file: 275)
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02273985 SUPPLIER NUMBER: 53975783 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Halt! Who goes there?(Letter to the Editor)
PC Week, 115(1)
March 1, 1999
DOCUMENT TYPE: Letter to the Editor ISSN: 0740-1604 LANGUAGE:

English RECORD TYPE: Fulltext
WORD COUNT: 836 LINE COUNT: 00068

... now. How and when this information is used is of concern not the fact that the information exists.

Mark Harris Director of Channels Marketing Extreme Networks
Cupertino, Calif.

Bill Machrone's column on ~~serial numbers~~ was wrong on both technical and emotional grounds.

He states that every PC already has a ~~unique~~ ID on its NIC. Yes, but the MAC address does not get sent to the destination address unless the destination is on the same subnet. Almost no one sees your MAC. He says that every ~~cell phone~~ has a ~~unique~~ ID. Yes, but it does not get sent to the person you're calling, only to the service provider. Caller ID would have been a better...

...am not a privacy fanatic who thinks there are people tracking me on the Internet. I don't use anonymous remailers, and I let most ~~cookies~~ through. Even so, I am bothered by a method to permanently track me. It would be like requiring people to leave their Social Security numbers...

14/3,K/77 (Item 10 from file: 275)
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02045400 SUPPLIER NUMBER: 19147353 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software auditing: a new task for U.K. universities. (Technology
Information)
Fletcher, Mark
T H E Journal (Technological Horizons In Education), v24, n6, p67(3)
Jan, 1997
ISSN: 0192-592X LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1713 LINE COUNT: 00147

... Utopia Audit) were selected. fPrint was allocated for all departments that had only PC compatibles, while InControl Audit (Utopia Audit) went to departments with both ~~PCs~~ and Macs.

Doing a "Walk-Round" Audit

Each participating department was asked to complete a questionnaire on the number of staff workstations in use with...

...to be re-set on a regular basis.

A "walk round audit" is the only realistic first approach. Subsequent audits can be done over the ~~network~~ for most workstations.

Procedurally, this is how a "walk round" audit works. A diskette is placed in the floppy drive of each workstation, and from...

...for loaded software and detects the hardware configuration (number of drives and sizes, adapter cards, RAM, etc.). Also completed is an asset questionnaire that includes ~~serial numbers~~ (CPU box, monitor, peripherals), asset numbers (if in use), user name, phone extension, location and the Workstation Identifier (usually 8 characters as this will be a DOS file name). It is necessary to uniquely identify each workstation to the relational database "audit manager..."

14/3,K/78 (Item 11 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01211425 SUPPLIER NUMBER: 05166590 (USE FORMAT 7 OR 9 FOR FULL TEXT)
LANscape system allows fast, efficient data-based searches. (Ncompass
Software Inc's LANscape, connectivity section, evaluation) (evaluation)
Wee, Don
PC Week, v4, n34, pC11(2)
Aug 25, 1987
DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2367 LINE COUNT: 00182

... recently or promised for the near future include R:base V,
Freelance, AutoCAD, SuperCalc, Samna IV, Multiplan, Crosstalk and Smartcom.
Installing LANscape on a Novell network can easily take ...the
LANscape files, setting up interfaces between the applications programs and
LANscape, modifying rights and login scripts and setting up "catalogues"
for all of the identifiers for recipients, document types,
departments, operators and authors.

Ncompass makes the first stage painless; the installation batch file
takes care of all copying and flagging...

...should be difficult to meet.

The creation of program interfaces requires more work and more
planning. For programs that handle file locks, such as the network
version of WordPerfect, LANscape can be easily configured if you plan to
put all files in a shared directory. Making WordPerfect available via
LANscape is then a matter of filling in one screen with information about
the volumes and paths used for the WordPerfect system files and for the
common data directory.

If private storage is needed for particular individuals or
groups, then you create a series of related but separate program
IDs that will access the same batch file but with different
parameters. If your work group consists of eight people, you might tell
them, "We have...

14/3,K/79 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2009 Gale/Cengage. All rts. reserv.

02610562 Supplier Number: 64254642 (USE FORMAT 007 FOR FULLTEXT)
BarPoint Service Now Available From A Variety of Wireless Devices Via Go
America's Go.Web Service.
Business Wire, p0060
August 16, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 929

... WIRE)--Aug. 16, 2000
BarPoint.com (Nasdaq:BPNT), the company that is revolutionizing the
way shopping decisions are made through the use of unique product
identifiers such as Universal Product Codes (UPC), today announced
the availability of its BarPoint Shopper(TM) service through GoAmerica,

Inc.'s (Nasdaq:GOAM), Go.Web(TM...

...assisting them in making more informed purchasing decisions.

BarPoint's mobile product information and shopping service is revolutionizing mobile and Internet use of unique product identifiers such as Universal Product Codes (UPC) for businesses and consumers. Available on such devices as PDAs, 2-way pagers and notebook computers, the Go.Web...

...BarPoint a clear advantage over other search services," stated John Macatee, president and CEO of BarPoint.com. "Customizing specific product information for the variety of wireless devices available also insures that BarPoint users get exactly the information they want in an easy-to-use format."

To utilize the BarPoint service, GoAmerica customers...

...menu to conduct on-line product research, or price comparisons. BarPoint is optimized for use with the limited bandwidth, screen size and battery life of mobile devices, which means obtaining product specific information is as easy as entering a product's unique identifier, such as the barcode number, instead of keywords, and the results returned are product-specific.

GoAmerica's Go.Web(TM) service enables the mobile professionals...

...Internet when away from the office. The Go.Web(TM) technology intelligently compresses, encrypts and reformats data, optimizing it for viewing on a variety of wireless devices and data networks.

Try BarPoint for Yourself

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through their website (www.barpaint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact and product information, competitive...

...Internet shopping information; bridging the gap between the broad selection of products offered online with the confidence and satisfaction of retail shopping. Using unique product identifiers, such as the UPC barcode, and patent pending "reverse search" technology, BarPoint provides consumers and businesses with easy, efficient access to comparative pricing, product and...

14/3,K/80 (Item 2 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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02505751 Supplier Number: 62160644 (USE FORMAT 007 FOR FULLTEXT)
AT&T Wireless Selects BarPoint as Featured Mobile Shopping Offering on the
AT&T Digital PocketNet Service for Web-enabled Wireless Phones.
Business Wire, p0100
May 18, 2000
Language: English Record Type: Fulltext

Document Type: Newswire; Trade
Word Count: 986

... user experience on wireless phones as it does on desktop computers. Accessing BarPoint to obtain product information from AT&T's PocketNet service on a mobile phone is as easy as dialing a long distance phone number," stated John Macatee, CEO of BarPoint. "A key benefit is BarPoint's use of unique product identifiers such as a UPC number, rather than keywords, to deliver very specific, targeted results without needing to scroll through hundreds of mismatched links, allowing users...

...decision."

Through the partnership, AT&T Digital PocketNet subscribers will now have convenient access to BarPoint.com's unique, patent-pending reverse search technology from mobile phones. This will allow them to obtain product-specific information, competitive pricing and manufacturer information and will assist them in making more informed purchasing decisions.

Availability...

...utilize the new Tegic T-9 "quick-type" key pads.

Try it for Yourself Using the Web

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through its website (www.barpoint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact and product information, competitive...

...to customers across the globe. Backed by the research and development capabilities of AT&T Labs, the company has one of the largest digital wireless networks in North America. The company's AT&T Digital One Rate(sm) offer revolutionized the industry by introducing a national wireless plan with no roaming...

14/3,K/81 (Item 3 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2009 Gale/Cengage. All rts. reserv.

02495912 Supplier Number: 61994348 (USE FORMAT 007 FOR FULLTEXT)
BarPoint Joins Phone.com Alliance Program and RTS Wireless to Expand
Network of Wireless Service Providers.
Business Wire, p1160
May 10, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1086

... and to coordinate the exchange of ideas and information among Alliance Program members, other companies developing wireless Internet products and services, and Phone.com's network operators. BarPoint joins a growing list of alliances that include content providers, application developers, tools providers and systems integrators using the

Phone.com Product Family...

...and services. The RTS Wireless Advantage system provides a secure connection point where multiple Internet content providers and application developers can connect to a wireless network to distribute on-demand, individualized content to subscribers with wireless devices.

BarPoint.com is an Internet shopping and information resource service designed to help consumers make more informed purchasing decisions. Consumers can use BarPoint's patent-pending "reverse search" technology to leverage unique product identifiers, such as UPCs, to immediately get assistance in learning about, comparing and ultimately purchasing millions of products. Other shopping and product information services force consumers to drill down through unwanted information, making the search more difficult and time consuming, especially with the limited bandwidth, screen size and battery life of mobile devices. BarPoint increases the ease of entering and obtaining product information by using the unique product identifier, instead of keywords, and returning product-specific information.

Try it for Yourself Using the Web

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through their website (www.barpoint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact information, competitive pricing from...

...Internet shopping information; bridging the gap between the broad selection of products offered online with the confidence and satisfaction of retail shopping. Using unique product identifiers, such as the UPC barcode, and patent pending "reverse search" technology, BarPoint provides consumers and businesses with easy, efficient access to comparative pricing, product and...

14/3,K/82 (Item 4 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2009 Gale/Cengage. All rts. reserv.

02453718 Supplier Number: 61404165 (USE FORMAT 007 FOR FULLTEXT)
Checkpoint System's RFID Technology Selected by Unique ID for Media Asset Tracking.
Business Wire, p1559
April 10, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 695

... customers in the broadcast television and film/video post-production industries. Unique ID has a primary focus towards internet-based solutions including design, e-commerce, network security and web hosting. Unique ID is a part-owned subsidiary of the Smoke & Mirrors Group.

Unique ID's CakeS media asset-tracking solution is targeted at the video, post-production, film, and 3D animation industries.

CakeS is unique in that the impact...

...is minimal, yet it can show users on request copies of any video, film or 3D stored within the facility. The system combines a unique identifier on tapes, and other physical assets, with a proprietary digitizing station to create streamable proxy clips in real-time from the original tape media. CakeS...

...Checkpoint is a leader in the development of RFID technology across all industries and a leading provider of RF source tagging, barcode labeling systems, EAS, hand-held labeling systems, and retail merchandising systems. Applications include automatic identification, retail security, and pricing and promotional labels. Operating in 27 countries, Checkpoint has a global network of subsidiaries and provides professional customer service and technical support around the world. Checkpoint Systems, Inc.'s web site is located at www.checkpointsystems.com.

14/3,K/83 (Item 5 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2009 Gale/Cengage. All rts. reserv.

01658547 Supplier Number: 50045383 (USE FORMAT 007 FOR FULLTEXT)
Micro House Delivers ImageCast(TM) Deluxe 2.1
PR Newswire, p528LATH009
May 28, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 581

customization, integrated SID creation, and DHCP client support

BOULDER, Colo., May 28 /PRNewswire/ -- Micro House International, Inc., a leading provider of disk imaging technology, announced today the shipment of ImageCast Deluxe 2.1. This new hard drive image duplication upgrade includes automated post-imaging customization of client PCs, enhanced integrated security identifier (SID) creator for Windows NT, DHCP client diskette support, greatly enhanced ClientBuilder application, and several popular Micro House SupportSource-based information modules on CD-ROM.

Following the TCP/IP multicast process, ImageCast Deluxe 2.1 further shortens network workstation setup by automatically configuring each PC's Windows registry with unique parameters. This post-configuration process will handle Microsoft Networking parameters, which include the computer name, domain or workgroup name, network login name, IP address, and the subnet mask. This is another step forward in reducing overall PC setup time.

With ImageCast Deluxe 2.1, after the transmission of an image is completed, the controller automatically and safely creates a unique SID number for each cloned Microsoft Windows NT workstation. The ability to disable the SID creator function is available in both multicast and standalone modes.

"Micro House...

...ImageCast 2.1 is another major step forward by Micro House in reducing PC setup time with faster imaging and automated post-configuration-enabling Windows PCs to login to the network upon booting up the first time," says Dan Eccher, ImageCast product manager. Eccher goes on to say, "I am confident Micro House is driving the...

...International, a privately held company headquartered in Boulder, Colorado, is a leading provider of PC hardware technical information libraries and utilities for hard drives and network image duplication. Micro House information products and utilities are used by hardware technicians, network administrators, help desk and IT professionals, resellers, and system integrators throughout the world for installation, maintenance, and upgrades of multivendor PCs and networks. The company's key information products and utilities are SupportSource, the Support On Site product family (recently acquired from Ziff-Davis), the Micro House Technical...

14/3,K/84 (Item 6 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2009 Gale/Cengage. All rts. reserv.

01615603 Supplier Number: 48332196 (USE FORMAT 007 FOR FULLTEXT)
Engage Technologies Leads The Charge To Safeguard Consumers' Online Privacy
PR Newswire, p0302NEM011
March 2, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1157

... their privacy practices to site visitors. The proposal recommends that Web sites use "Trust Labels" to associate their Internet privacy practices with information exchanged through cookies. These "Trust Labels" conform to the Platform for Internet Content Selection (PICS) standard, and tell visitors how a Web site will use information stored in a cookie or derived from a cookie.

This proposal is the latest example of Engage's constant push to guarantee consumer privacy protections. Engage-sponsored proposals have also gained overwhelming support among...

...Engage's Technologies & Policies Created With User Anonymity As #1 Priority

To ensure rigorous adherence to its privacy goals, Engage.Knowledge was developed with a unique "dual-blind" identification technology that fully guarantees users' anonymity. Visitors to Engage-Enabled Web sites are tagged with a unique, anonymous numerical identifier, which captures their on-line behavior and usage patterns. This means that-- unlike other 1:1 marketing solutions -- user registration is not required for Engage...

...users' names or e-mail addresses. And, even with these boundaries in place, a visitor can still choose to 'opt-out' of the Engage-Enabled network, from our Web site.

"When it comes to reassuring online users of the safety of their

personal information, Engage Technologies intends to 'cover all the bases,'" Jaye concluded.

Engage Technologies provides enterprise-class services and technology that leverage access to the world's...

...on-line content service currently serving over 200 ISPs.

NaviSite Internet Services is a leading provider of business-critical Internet outsourcing solutions, including dial-up **networking** services for ISPs and corporations, and customized Internet **Server** Management solutions for companies conducting business on the Internet. ADSmart provides centralized advertising distribution, advertising campaign management and planning for interactive media for over 90...

14/3,K/85 (Item 7 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2009 Gale/Cengage. All rts. reserv.

01587616 Supplier Number: 48111884 (USE FORMAT 007 FOR FULLTEXT)
ViaTech Introduces Adaptive Fingerprint Security With VT Protect 5.0,
Premier Software Piracy Prevention Solution.
Business Wire, p11101221
Nov 10, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 960

... the new product enhancements, VT Protect also includes these important features:

- Unique system "fingerprint":

An innovative process of hardware and software system checks determines a **unique** system ID or "fingerprint," which is, in turn, used as part of the encryption scheme for password generation.

- Advanced encryption scheme:

VT Protect features a "multi-pass...

...of information, scrambles it with the first, then finds a third piece of information, combines that with the first two, as so on until an **identifier** completely unique to the system is created.

- Comprehensive license customization options:

VT Protect's customizable license enforcement provides software developers with expanded control over product...

...make up the license password contents. Developers are able to create variable security mechanisms for their offerings, rather than having to use predefined security controls.

- **Network** independent operation:

VT Protect's **network** independent license operation provides software developers with the flexibility to address the needs of users on corporate **networks** as well as those of software buyers with stand-alone home PCs and nomadic laptops. Unlike existing solutions, VT Protect does not require a **network server** or **network** -served metering software.

- Multiple licensing options:

Varied license choices include duration control, as well as single, floating, site and unlimited license options. This allows software...

14/3,K/86 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2009 Gale/Cengage. All rts. reserv.

02186721 Supplier Number: 25745768 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Software Automates Web Promotions
(Dynaptics to offer Personal Shopping E.ssistant that tracks e-retail site
visitors and creates promotions based on customer reactions; also debuts
Personal Information E.ssistant for automated product recommendations for
users of auction sites)
InternetWeek, p 22
June 26, 2000
DOCUMENT TYPE: Journal ISSN: 0746-8121 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 577

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...with its wineskins and wine glasses.

The software makes educated guesses about visitors' interests based on the
pages they visit. Shoppers are identified either through cookies, an
attached registration ID or through a session ID assigned when
they arrive at the site. The technology builds a database that remembers
which offers have been best received...

...decide which pages will contain HTTP tags for tracking users, selecting
offers or posting offers. Each page can hold as many as three tags. The
server software uses an XML interface to connect to those merchant
tags, sending across offer text and graphics as HTML fragments.

While it measures what portion...

...the Personal Shopping E.ssistant doesn't measure conversion rates.
Vieth said Dynaptics hopes to add that capability down the line.

Dynaptics' second product, the Personal Information E.ssistant,
is designed for auction or exchange sites. It includes the same control
panel, analytical and systems management components as the Shopping
E.ssistant...

...Dynaptics designed the PIE "in concert with eBay," Vieth said, but he
declined to specify whether the auction giant is a Dynaptics customer.

An unlimited server license for the Personal Shopping E.ssistant
costs \$75,000, plus an annual maintenance fee of \$11,250. Or merchants can
pay on a click...

14/3,K/87 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2009 Gale/Cengage. All rts. reserv.

01359322 Supplier Number: 24024455 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Copy-protection moves cast new cloud over DVD
(Two unrelated initiatives last week raised new concerns about the
protection and re-use of digital video disks that could derail the
rollout of the new medium)
Electronic Engineering Times, p 01
September 15, 1997
DOCUMENT TYPE: Journal ISSN: 0192-1541 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1491

ABSTRACT:

...viewing and copying of material on a frame-by-frame basis. The technique would work not only in DVD players but also in DVD-equipped PCs, over cable systems and data networks. Paramount Studios, Universal Pictures, DreamWorks and Disney's Buena Vista Home Entertainment have all offered support for Divx. That backing has helped convince three major...

...building drives. The Divx scheme has two parts. Divx would add three levels of encryption to DVD content. In addition, the scheme adds a unique identifier-in effect, a serial number-to the content that would identify a particular disk. Article contains more details about the products and their uses.

14/3,K/88 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2009 Gale/Cengage. All rts. reserv.

01129263 Supplier Number: 23725862 (USE FORMAT 7 OR 9 FOR FULLTEXT)
ID at touch of a finger
(National Registry Inc makes identification through fingertip scanning
affordable)
Computer Reseller News, p 93+
December 02, 1996
DOCUMENT TYPE: Journal ISSN: 0893-8377 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 552

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...in the form of a mouse, or a scanner built into a keyboard. The scanners are used in conjunction with NRI software loaded locally on PCs or on servers running Windows. To use the system, an image of a person's fingertip is captured by a scanner, then that image is analyzed by the PC for unique features called "minutiae," creating a unique finger-image identifier number. The image is compared with other identification numbers in a database. The scanners are made, through an agreement signed in 1995, by Key Tronic Corp...

TEXT:

...a scanner built into a keyboard. Both units are based on optical

technology. The scanners are used in conjunction with NRI software loaded locally on PCs or on servers running Windows software.

"Security has become important in all aspects of computer networks," Fuller said. "If you can never positively identify a user of the system, then all of the other security measures don't matter." For most...

...image of a person's fingertip is captured by a scanner. That image is analyzed by the computer for unique features called "minutiae," creating a unique finger-image identifier number. The finger-image is compared with other identifier numbers stored in a database.

NRI said applications well-suited for fingertip scanning include authenticating the initiator of electronic transactions such as funds transfers, security...

...PC.

A software developer's kit for integrating the technology into an application is priced at \$1,000, plus a \$200 per PC licensing fee.

Server-based software is priced at \$5,000 for a basic solution and \$35,000 for a high-end solution used by organizations such as welfare...

14/3,K/89 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

13313583 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Tinker, Tailor, Software, Spy
Privacy: Technology is creating ever more subtle ways for e-commerce firms to know you. How about 'Web bugs,' on-screen dots that act as tiny transmitters?
Compiler: Erik Sherman
NEWSWEEK INTERNATIONAL
October 16, 2000
JOURNAL CODE: FNWI LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1564

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... for example, works with Corel and 400 other applications and claims installations on more than 12.5 million desktops. Surfing habits become fodder for the personal dossier, also information, such as marital status, age and profession, that may be required to use the free software.

Many Web sites use cookies, small files stored on a user's hard drive by a Web site, often for useful purposes like saving user passwords. But cookies can do far more. Companies like DoubleClick, an online-marketing firm, store unique IDs in cookies to track a user's movements through the Web, as well as the banners on which they click. The data go into profiles used for...

...go out and get much more information."

Unexpected places can extract those bits of information. Many

sweepstakes sites exist primarily so their owners can require **personal information** from those registering to win a prize. According to Hill, some sweepstakes sites either have or are affiliated with search engines. "There's no clear language that says when you give up your data, you're making it possible to match all of your searches (on Excite.com) with your **personal information**," Hill says.

A particularly insidious innovation is the **Web bug**. In this technology, a Web page contains an image file that is one pixel by one pixel, a dot so small as to be invisible on your screen when you call up the page. With the right programming, one of these bugs can track your Web use. Turning off the **cookies** in your browser has no effect. "The Web bugs are becoming quite a big concern. Once they're hidden and you put them on any page and connected to a **server** that can pick up the IP address, no matter where you go on the Internet, they can (follow)," says R. Lee Heath, who is developing...

14/3,K/90 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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13132384 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Things to Come: Coming to grips with spam, banner ads and junk mail:
Internet advertisers know more about you than you might think
BANGKOK POST, p7
October 04, 2000
JOURNAL CODE: FBKP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 715

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the Internet, says: "I have been tracking over the last couple of months, what information is being sent from my own computer to DoubleClick ad **servers**. I used a packet sniffer to do the monitoring. I found more than a dozen examples from different web sites of information being transmitted to DoubleClick that most people who consider rather sensitive. All this information can be tied to me, because all transmissions to the DoubleClick ad **servers** also include the same **unique ID number** in a DoubleClick **cookie**. I found both personally identifiable information and transactional data being sent to DoubleClick **servers**."

He gives examples of the sort of information being sent: his email address, his full name and phone number, details on searches he has conducted via search engines, and so on.

In other words, whenever you click on a banner ad, there's the chance that **personal information** will be scooped off your computer and sent to the banner ad company.

A Fox News report from back in August reported that "click-through...

14/3,K/91 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

12817425 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Sneaky peeks and the web

HINDU

September 14, 2000

JOURNAL CODE: FHIN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1209

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... stated to have changed many hands against the published privacy policy of InfoBeat. www.tiac.net/users/smiths/privacy/infobeat.htm. Sony has blamed the server software inherited by it from the previous owners of InfoBeat, and has promised to correct the situation "soon".

In a similar incident it was discovered that RealJukebox player was sending a range of personal information back to RealNetworks, the makers of the software. Server side scripts like Java Applets can do this with just a few lines of code.

Cookies and P3P: Cookies are cryptic command strings, put into your disk by the web sites you visit without your knowledge. They send out information silently to their originators or others.

They have been used to assign a unique visitor number to your PC (See GUIDs), and to keep all the information about you on the server side as long as the server owners wish. Any attempt to regulate cookies met with the stiff resistance of software companies and dotcoms.

They came out with a highly cumbersome and impractical "Self Regulatory" standard called P3P. Vide...

... long as you do not "Opt out". After much public pressure, the current situation is that many browsers give you an option either to block cookies or allow them, either in toto or one by one.

Only a Web programmer can figure out what information is being gathered by them. Some web sites may deny you entry into their sites if you block cookies.

Tags: Globally Unique Identifiers (GUIDs) were devised to put unique tags on PCs for the purposes of future retrieval of information about their owners. Microsoft once used them in Office 97, but discontinued the practice under public pressure...

14/3,K/92 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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12419995 (USE FORMAT 7 OR 9 FOR FULLTEXT)

BarPoint Service Now Available From A Variety of Wireless Devices Via Go

America's Go.Web Service

BUSINESS WIRE

August 16, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 898

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... limited bandwidth, screen size and battery life of mobile devices, which means obtaining product specific information is as easy as entering a product's unique identifier, such as the barcode number, instead of keywords, and the results returned are product-specific.

GoAmerica's Go.Web(TM) service enables the mobile professionals...

... Internet when away from the office. The Go.Web(TM) technology intelligently compresses, encrypts and reformat data, optimizing it for viewing on a variety of ~~wireless devices~~ and data networks.

Try BarPoint for Yourself

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through their website (www.barpoint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact and product information, competitive...

... Internet shopping information; bridging the gap between the broad selection of products offered online with the confidence and satisfaction of retail shopping. Using unique product identifiers, such as the UPC barcode, and patent pending "reverse search" technology, BarPoint provides consumers and businesses with easy, efficient access to comparative pricing, product and...

... JP Systems, and Symbol Technologies (NYSE:SBL) and last year acquired Synergy Solutions, which is now a wholly owned BarPoint.com subsidiary. Whether using a handheld device to scan or manually enter the product's UPC or even accessing BarPoint's website from a desktop computer, BarPoint.com is the most direct...

14/3,K/93 (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

12382010 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Closing the virtual shades on Web snoopers
GWEN ACKERMAN
JERUSALEM POST
August 11, 2000
JOURNAL CODE: WJPT LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 669

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... online activities of surfers without their knowledge through technology known as "cookies" or "identifiers" (GUIDs).

A "cookie" is a mechanism that allows the Web site ~~server~~ to store information about a user on the user's hard disk. Typically, a cookie records the user's preferences when using a particular site.

An "identifier" is a ~~serial number~~ that is attached to software which enables the vendor to identify individual users and track their online activities.

A commotion first arose around this issue, Giga noted, when Intel announced plans to include identifiers with its new Pentium III processor in 1999. The identifiers were to be installed partly for the consumer's benefit, but also to allow the company to track the online

activities of its users. The outcry generated by the announcement ultimately forced Intel to deactivate the identifiers before sale.

Other breaches of privacy occur when subscribers to certain software are allowed to check an option that would prevent the information they provide...

...scenarios involving the varying policies of companies working in tandem. Giga gave as an example an online lender that promised not to share or sell personal information gathered from loan applications, but then placed the loans at a larger institution with a policy of transferring that information to telemarketers.

This violation was...

... attorney- general of New York, but other incidents still cropped up: Giga mentioned a leading on-line advertiser that had guaranteed never to use its cookies to gather personal information, but then acquired a direct marketing firm with an enormous database of personal information and retracted its guarantee, drawing a law suit.

Concern is also increasing over the use of "profiling," which refers to the collection of information on...

... benefit of the customers, should immediately be made public. Web sites should also inform customers about what kind of information they are collecting via their cookies, as well as when and how the information is gathered.

"The illusion of nameless, faceless transactions in cyberspace is quickly dissipating," writes Grady. "Governments, consumer...

14/3,K/94 (Item 6 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

11091257 (USE FORMAT 7 OR 9 FOR FULLTEXT)
AT&T Wireless Selects BarPoint as Featured Mobile Shopping Offering on the
AT&T Digital PocketNet Service for Web-enabled Wireless Phones
BUSINESS WIRE
May 18, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 954

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... with BarPoint, and other select content providers, to enable unlimited access to more than 40 websites specializing in e-commerce, information and entertainment services from mobile phones.

"The BarPoint service is designed to deliver the same type of compelling user experience on wireless phones as it does on desktop computers. Accessing BarPoint to obtain product information from AT&T's PocketNet service on a mobile phone is as easy as dialing a long distance phone number," stated John Macatee, CEO of BarPoint. "A key benefit is BarPoint's use of unique product identifiers such as a UPC number, rather than keywords, to deliver very specific, targeted results without needing to scroll through hundreds of mismatched links, allowing users...

...decision."

Through the partnership, AT&T Digital PocketNet subscribers will now have convenient access to BarPoint.com's unique, patent-pending reverse search technology from mobile phones. This will allow them to obtain product-specific information, competitive pricing and manufacturer information and will assist them in making more informed purchasing decisions.

Availability...

...utilize the new Tegic T-9 "quick-type" key pads.

Try it for Yourself Using the Web

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through its website (www.barpoint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact and product information, competitive...

...to customers across the globe. Backed by the research and development capabilities of AT&T Labs, the company has one of the largest digital wireless networks in North America. The company's AT&T Digital One Rate(sm) offer revolutionized the industry by introducing a national wireless plan with no roaming...

14/3,K/95 (Item 7 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

11027168 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Privacy Still Almost Non-Existent on Internet as Companies Track Purchases
Dawn C. Chmielewski
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (ORANGE COUNTY REGISTER - CALIFORNIA)
May 08, 2000
JOURNAL CODE: KTOC LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1128

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... called a "cookie" on your computer's hard drive to monitor where you go, what you look at and which merchandise you've rejected.

The cookie contains a unique tracking number that identifies your computer each time you visit the site. If you're curious about what data a site collects, find the words "privacy policy" on the site and click through. Most commercial sites now disclose what they do with the information.

DoubleClick and other Internet advertisers distribute cookies with an efficiency that would draw the envy of an industrious girl scout. DoubleClick deposits a cookie when you visit one of its 1,500 client sites and uses that ID to monitor where you travel through its network of Web sites.

Once you register a new piece of software or enter a contest, advertisers can match a cookie with a name. That unlocks reams of data about you and your offline buying habits, culled from data companies

such as Acxiom -- or in DoubleClick...

...page banner ads -- the one-way mirrors of the Information era.

All you see is a flashing neon ad for low-rate Visa cards or handheld organizers. Behind the glass, these ads relay sensitive information back to a marketer's computers.

Richard M. Smith, a software consultant who discovered privacy holes ...

14/3,K/96 (Item 8 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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10950238 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BarPoint Joins Phone.com Alliance Program and RTS Wireless to Expand
Network of Wireless Service Providers
BUSINESS WIRE
May 10, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1077

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and to coordinate the exchange of ideas and information among Alliance Program members, other companies developing wireless Internet products and services, and Phone.com's network operators. BarPoint joins a growing list of alliances that include content providers, application developers, tools providers and systems integrators using the Phone.com Product Family...

... to drill down through unwanted information, making the search more difficult and time consuming, especially with the limited bandwidth, screen size and battery life of mobile devices. BarPoint increases the ease of entering and obtaining product information by using the unique product identifier, instead of keywords, and returning product-specific information.

Try it for Yourself Using the Web

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through their website (www.barpoint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact information, competitive pricing from...

... Internet shopping information; bridging the gap between the broad selection of products offered online with the confidence and satisfaction of retail shopping. Using unique product identifiers, such as the UPC barcode, and patent pending "reverse search" technology, BarPoint provides consumers and businesses with easy, efficient access to comparative pricing, product and...

... KPT) and Symbol Technologies (NYSE: SBL) and last year acquired Synergy Solutions, which is now a wholly owned subsidiary of BarPoint.com. Whether using a handheld device to scan or manually enter the product's

UPC or even accessing BarPoint's website from a desktop computer, BarPoint.com is the most direct...

...barpoint.com.

About RTS Wireless

RTS Wireless is a leading developer of adaptable software systems that connect the Internet to a wide array of evolving wireless devices, including virtually all cell phones, pagers and hand-held computers. RTS' product, the Advantage System, can be specifically configured to meet the particular needs of each customer, including wireless network operators, wireless infrastructure...

...providers of information such as news, sports and weather, and corporate data networks. Using the Advantage system, RTS customers can provide their wireless subscribers, and clientele with e-mail, news, shopping, stock, weather, travel, and other information content and services.

RTS Wireless is a member of the WAP (Wireless Application Protocol...

14/3,K/97 (Item 9 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

10696874 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Online Privacy Expert Exposes Risks for Internet Users
Frank James
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (SAN JOSE MERCURY NEWS - CALIFORNIA)
April 19, 2000
JOURNAL CODE: KSJM LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1543

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... wonder what other tracking might already be occurring.

He found that Microsoft Word, the nation's most popular word processor program, embedded a hidden electronic identifier, unique to each computer, on Word documents.

That globally unique identifier, as it is called, was sent back to Microsoft when consumers registered their Microsoft software, Smith learned.

Thus, the personal information people provided upon registration could theoretically be linked to a particular document written in Word.

"I said 'Holy cow, this is bad,'" Smith recalled. "Not...

...this is an important issue to all of us."

Last October, Smith found software by Real Networks, the Seattle-based company, doing something similar. Real Networks' software compresses and decompresses large sound and video files for transmission over the Internet.

Another feature of the company's Real Jukebox software allows people ...

...their hard drives.

Smith detected that when he placed a compact disc into his computer,

the Real Jukebox software automatically transmitted his machine's unique identifier and his musical selections to Real Networks.

Since Real Networks had his name and other personal information from his registration, "it put them in a position of being able to build a database of what CDs I was listening to," Smith said. He alerted the media and a controversy ensued. In response, Real Network disabled the technology.

Real Networks didn't challenge Smith's facts, just his conclusions. "He seemed to assume that...Real Networks was monitoring, and that was not the case," said Allen Mayer, a Real Networks spokesman.

When Smith went public, Real Networks had already planned a software fix to stop the transmitting of the personal information and an update of its privacy policy, Mayer said. Smith had criticized the privacy policy posted on the company's Web site for not mentioning...

14/3,K/98 (Item 10 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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10493683 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Checkpoint System's RFID Technology Selected by Unique ID for Media Asset Tracking
BUSINESS WIRE
April 10, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 706

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... an even greater range of asset tracking tasks in film, commercials and broadcast television production," said Andy Johnston, commercial director of Unique ID Software Ltd.

Unique ID Software Ltd. is a software development company that specializes in solutions for customers in the broadcast television and film/video post-production industries. Unique ID has a primary focus towards internet-based solutions including design, e-commerce, network security and web hosting. Unique ID is a part-owned subsidiary of the Smoke & Mirrors Group.

Unique ID's CakeS media asset-tracking solution is targeted at the video, post-production, film, and 3D animation industries. CakeS is unique in that the impact...

... is minimal, yet it can show users on request copies of any video, film or 3D stored within the facility. The system combines a unique identifier on tapes, and other physical assets, with a proprietary digitizing station to create streamable proxy clips in real-time from the original tape media. CakeS...

... Checkpoint is a leader in the development of RFID technology across all industries and a leading provider of RF source tagging, barcode labeling systems, EAS, hand-held labeling systems, and retail merchandising systems. Applications include automatic identification, retail security, and pricing and promotional labels. Operating in 27

countries, Checkpoint has a global network of subsidiaries and provides professional customer service and technical support around the world. Checkpoint Systems, Inc.'s web site is located at www.checkpointsystems.com...

14/3,K/99 (Item 11 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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10134536 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Invisible Web Advertisers Create Consumer Profiles to Boost Sales
Dawn C. Chmielewski
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (ORANGE COUNTY REGISTER - CALIFORNIA)
March 19, 2000
JOURNAL CODE: KTOC LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1125

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... called a "cookie" on your computer's hard drive to monitor where you go, what you look at and which merchandise you've rejected.

The cookie contains a unique tracking number that identifies your computer each time you visit the site. If you're curious about what data a site collects, find the words "privacy policy" on the site and click through. Most commercial sites now disclose what they do with the information.

DoubleClick and other Internet advertisers distribute cookies with an efficiency that would draw the envy of an industrious girl scout. DoubleClick deposits a cookie when you visit one of its 1,500 client sites and uses that ID to monitor where you travel through its network of Web sites.

Once you register a new piece of software or enter a contest, advertisers can match a cookie with a name. That unlocks reams of data about you and your offline buying habits, culled from data companies like Acxiom -- or in DoubleClick's...

...page banner ads -- the one-way mirrors of the Information era.

All you see is a flashing neon ad for low-rate Visa cards or hand-held organizers. Behind the glass, these ads relay sensitive information back to a marketer's computers.

Richard M. Smith, a software consultant who discovered privacy holes ...

14/3,K/100 (Item 12 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

10008770 (USE FORMAT 7 OR 9 FOR FULLTEXT)
How to get ahead in advertising: 'It's not that we can't make a profit, we don't want to ...'

ROD MCQUEEN, SENIOR WRITER
FINANCIAL POST, p01
March 11, 2000

JOURNAL CODE: FFP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1403

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... is not a very big investment," says Mr. O'Connor.
To understand DoubleClick's recent privacy problems, you first have to know about something called **cookies**. The first time you see a DoubleClick ad, your computer is **assigned** a **unique number** that's recorded in the **cookie** file of your machine. DoubleClick is then set to collect such information as the **server** you used, your browser type, what pages you viewed on a site and whether you responded to the ad.

This allows personal, but anonymous, tailoring...
...targeting ads at a known market.

In November, DoubleClick announced a dramatic change. It would begin matching previously anonymous data gathered with specific user names, **personal** information and e-mail addresses to give advertisers an even more targeted audience.

All was quiet until mid-February when the Washington-based Electronic Privacy Information Center complained that the loss of individual anonymity meant **personal** information was available for more worrisome purposes. For example, if someone visited a cancer information site and that name was shared among advertisers it could lead...

14/3,K/101 (Item 13 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

09950349 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Boston Software Expert Tries to Shed Light on Internet Intrusions
Frank James
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (CHICAGO TRIBUNE - ILLINOIS)
March 06, 2000
JOURNAL CODE: KCTR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1206

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and passed it along to authorities.
A year ago, he turned his attention to Internet privacy. The controversy over Intel Corp.'s plan for a **serial number** in its Pentium III microchip processors that, theoretically, would make possible tracing millions of computers over the Internet, made him wonder what other tracking might already be occurring.

He found that Microsoft Word, the nation's most popular word processor program, embedded a hidden electronic **identifier**, unique to each computer, on Word documents.

That globally unique **identifier**, as it is called, was sent back to Microsoft when consumers registered their Microsoft software, Smith learned. Thus, the **personal** information people provided upon registration could theoretically be linked to a particular document written in Word.

"I said 'Holy cow, this is bad,'" Smith recalled. "Not..."

... off the bat realized this was not a good situation," Smith said. The company stopped new versions of its software from stamping documents with the unique numbers.

Carol Sacks, a Microsoft spokeswoman, said, "The fact is, Richard is a technical expert, and we respect what he does. We believe (his efforts) are ...

...their hard drives.

Smith detected that when he placed a compact disc into his computer, the Real Jukebox software automatically transmitted his machine's unique identifier and his musical selections to Real Networks.

Since Real Networks had his name and other personal information from his registration, "it put them in a position of being able to build a database of what CDs I was listening to," Smith said. He alerted the media and a controversy ensued. In response, Real Network disabled the technology.

Real Networks didn't challenge Smith's facts, just his conclusions. "He seemed to assume that ... Real Networks was monitoring, and that was not the case," said Allen Mayer, a Real Networks spokesman.

When Smith went public, Real Networks had already planned a software fix to stop the transmitting of the personal information and update its privacy policy, Mayer said. Smith had criticized the privacy policy posted on the company's Web site for not mentioning the practice...

14/3,K/102 (Item 14 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

09878497 (USE FORMAT 7 OR 9 FOR FULLTEXT)
imposed segregation of single web sites. Mr. O'Connor appears to be saying
that
BUSINESS WIRE
March 03, 2000
JOURNAL CODE: BWBE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 374

"The announced policy does little to insure Internet users of privacy protection. DoubleClick has historically tied unique cookie numbers to clickstream data across multiple web sites. DoubleClick has also collected Name and Address information and tied it to cookie numbers at sites like www.iaf.net. This leads to the conclusion that DoubleClick has the information on their computers to run a simple merge report to tie the names and addresses of Internet users to their cookie and private clickstream information 'across web sites'. Doubleclick is one database report away from creating the mother of all psychographic profiles of an Internet user's online activity. DoubleClick...

... their alleged intrusive data collection procedures but rather they are only promising to not generate a simple database report to merge the three sets of private data (Name/Address, Cookie, Clickstream) together on one printout or one screen even though the information resides on their servers ...This 'across web sites' phrase appears to be

ambiguous and, in my opinion, language that needs to be further scrutinized.

14/3,K/103 (Item 15 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

08305837 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Combo deal enticing
SECTION TITLE: NEWS
ARMSTRONG David
CHRISTCHURCH PRESS , 2 ed, p37
November 18, 1999
JOURNAL CODE: WTCP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 376

(USE FORMAT 7 OR 9 FOR FULLTEXT)

The deal illustrates how quickly PC retail trends in the United States are taking off in New Zealand.

There, it is becoming common for PCs to be offered at rock-bottom prices -- in some cases even for free -- if the buyer signs up for a fixed Internet contract.

Safe household...

... household assets in case of fire or burglary, when the property records themselves may be burnt or stolen.

Tower customers can record details such as serial numbers and purchase details in the Tower Vault, a password-protected Internet server which is not subject to the security problems of a home PC.

Real embarrassment

RealNetworks, makers of RealJukebox software for downloading and playing music tracks...

...users of its products.

The company recently was caught in a controversy when it was discovered that RealJukebox used what is called a Globally Unique Identifier, along with zip codes and e-mail addresses, to identify customers.

Chief executive Rob Glaser, a former board member of cyberspace civil liberties watchdog group Electronic Frontier Foundation, said that RealNetworks realised they had "screwed up" and will install a patch in the software that will block the transmission of personal information.

DVD encryption hacked

Norwegian hackers have developed software called DeCSS that can break the encryption used to protect DVD-formatted movies.

Using DeCSS, which has...

14/3,K/104 (Item 16 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

05417101 (USE FORMAT 7 OR 9 FOR FULLTEXT)

VIGLEN: Viglen releases PCs with latest Intel Pentium III processor
M2 PRESSWIRE
May 19, 1999
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 454

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... ensuring that the most demanding of applications run at lightning speed, even within multitasking environments. The sheer speed of the Pentium III processor allows desktop PCs to run processor-intensive background tasks such as decompression and real-time virus checking without the user noticing any depreciation in performance of applications active in the foreground. This increases productivity and ensures that network resources are used more efficiently.

Incorporating 70 new instructions, the Pentium III processor dramatically improves the performance of current applications with benefits including exceptional levels...

...this technology now will ensure that users protect their IT investment.

Security is a pressing issue for business users and with their in-built processor serial number, Pentium III PCs offer customers peace of mind. The serial number enhances asset tracking and provides a constant identifier for document control, content distribution and e-business transactions.

Commenting on today's announcement, Bordan Tkachuk, Viglen's chief executive said: "Intel's Pentium III...

14/3,K/105 (Item 17 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.

05015614 (USE FORMAT 7 OR 9 FOR FULLTEXT)
India: Is Big Brother Microsoft watching you
BUSINESS LINE
April 20, 1999
JOURNAL CODE: FBLN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 884

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... is very unlikely. However, the issue of identity numbers being generated and tagged on to documents has certainly fuelled concerns among Microsoft's customers.

PC network interface cards (NICs) - that connect PCs to networks - have unique 12-character ID numbers that identify each card. The numbers have to be unique so that Ethernet - a networking protocol - can resolve transmission conflicts.

According to Mr. Rakesh Goyal, Managing Director of the Mumbai-based Sysman Computers, who has written a technical paper on...

... Win 98 online, your PC transmits your registration information, including NIC address, to Microsoft and then deletes the file on your computer. The Win 98 registration routine sends the ID - the NIC number - to Microsoft even if you tell the Win 98 installer NOT to send

hardware information to Microsoft." Microsoft does admit that the Windows 98 Registration Wizard might "inadvertently be sending a specific hardware identifier to Microsoft during user registration regardless of whether the user chose to send his or her hardware diagnostic information". However, it says the hardware configuration...

14/3,K/106 (Item 18 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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04651983 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Chicago Tribune Binary Beat Column
James Coates
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (CHICAGO TRIBUNE - ILLINOIS)
March 14, 1999
JOURNAL CODE: KCTR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 815

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... displayed accordingly.

But guess what, friends and neighbors. Operators of Web commerce sites and many others have long used an all-but-identical technique called "cookies" to make each computer that comes browsing by disclose its identity, the name and other particulars of the user and other private data.

Plenty of Web users have taken the trouble of learning how to disable these cookie files, but the bulk of us tend to like them.

Having cookies lets you store passwords for various Web sites on your machine so that you needn't type them in every time you log in.

Cookies allow you to order up customized content such as stock quotes, weather forecasts, your horoscope, news about your own industry and such each time you visit a site.

Cookies, in fact, are the very heart of the hot Internet portal business in which blue-chip outfits like Excite, Lycos, Yahoo!, Microsoft Network, America Online/Netscape offer users personalized home pages in exchange for using their service as an entry point for Web browsing sessions.

May I suggest...

14/3,K/107 (Item 19 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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04496972 (USE FORMAT 7 OR 9 FOR FULLTEXT)
The Seattle Times User Friendly Column
Paul Andrews
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (SEATTLE TIMES)
March 01, 1999
JOURNAL CODE: KSET LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 731

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to accessing remotely the actual contents of your hard disk or information otherwise stored on your computer. The PSN merely identifies your computer with a unique number.

Why did Intel bother? The PSN is a boon to corporations and large enterprises that need to keep track of thousands of PCs. Bar codes, serial numbers and other identifiers have to be read by hand (or device) individually, by eyesight. The PSN enables an information director to locate in seconds an individual computer, via the network, that otherwise might take weeks to track down.

For you and me, the PSN offers a quick and easy way for a Web site to ...

14/3,K/108 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
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00344701 20000816229B9885 (USE FORMAT 7 FOR FULLTEXT)
BarPoint Service Now Available From A Variety of Wireless Devices Via Go America's Go.Web Service
Business Wire
Wednesday, August 16, 2000 07:49 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 905

...limited bandwidth, screen size and battery life of mobile devices, which means obtaining product specific information is as easy as entering a product's unique identifier, such as the barcode number, instead of keywords, and the results returned are product-specific.

GoAmerica's Go.Web(TM) service enables the mobile professionals...

...Internet when away from the office. The Go.Web(TM) technology intelligently compresses, encrypts and reformats data, optimizing it for viewing on a variety of wireless devices and data networks.

Try BarPoint for Yourself

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through their website (www.barpoint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact and product information, competitive...

...Internet shopping information; bridging the gap between the broad selection of products offered online with the confidence and satisfaction of retail shopping. Using

unique product identifiers, such as the UPC barcode, and patent pending "reverse search" technology, BarPoint provides consumers and businesses with easy, efficient access to comparative pricing, product and...

...JP Systems, and Symbol Technologies (NYSE:SBL) and last year acquired Synergy Solutions, which is now a wholly owned BarPoint.com subsidiary. Whether using a handheld device to scan or manually enter the product's UPC or even accessing BarPoint's website from a desktop computer, BarPoint.com is the most direct...

14/3,K/109 (Item 2 from file: 610)
DIALOG(R)File 610:Business Wire
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00282923 20000518139B3611 (USE FORMAT 7 FOR FULLTEXT)
AT&T Wireless Selects BarPoint as Featured Mobile Shopping Offering on the AT&T Digital PocketNet Service for Web-enabled Wireless Phones
Business Wire
Thursday, May 18, 2000 08:19 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 963

...with BarPoint, and other select content providers, to enable unlimited access to more than 40 websites specializing in e-commerce, information and entertainment services from mobile phones.

"The BarPoint service is designed to deliver the same type of compelling user experience on wireless phones as it does on desktop computers. Accessing BarPoint to obtain product information from AT&T's PocketNet service on a mobile phone is as easy as dialing a long distance phone number," stated John Macatee, CEO of BarPoint. "A key benefit is BarPoint's use of unique product identifiers such as a UPC number, rather than keywords, to deliver very specific, targeted results without needing to scroll through hundreds of mismatched links, allowing users...

...decision."

Through the partnership, AT&T Digital PocketNet subscribers will now have convenient access to BarPoint.com's unique, patent-pending reverse search technology from mobile phones. This will allow them to obtain product-specific

information, competitive pricing and manufacturer information and will assist them in making more informed purchasing decisions.

Availability...

...utilize the new Tegic
T-9 "quick-type" key pads.

Try it for Yourself Using the Web

By entering or scanning in a product's unique barcode number, a consumer will find a wealth of product specific information. For example, to receive information on the album, Supernatural, by Santana, simply access BarPoint through its website (www.barpoint.com) or on your web-enabled mobile device, select the "Music" category and enter the UPC, i.e. 078221908023. This will return a page that includes detailed manufacturer contact and product information, competitive...

...to customers across the globe. Backed by the research and development capabilities of AT&T Labs, the company has one of the largest digital wireless networks in North America. The company's AT&T Digital One Rate(sm) offer revolutionized the industry by introducing a national wireless plan with no roaming...

14/3,K/110 (Item 3 from file: 610)
DIALOG(R)File 610:Business Wire
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00276716 20000510131B7289 (USE FORMAT 7 FOR FULLTEXT)
BarPoint Joins Phone.com Alliance Program and RTS Wireless to Expand Network of Wireless Service Providers
Business Wire
Wednesday, May 10, 2000 08:05 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,110

...and to coordinate the exchange of ideas and information among Alliance Program members, other companies developing wireless Internet products and services, and Phone.com's network operators. BarPoint joins a growing list of alliances that include content providers, application developers, tools providers and systems integrators using the Phone.com Product Family...

...to drill down through unwanted information, making the search more difficult and time consuming, especially with the limited bandwidth, screen size and battery

life
of mobile devices. BarPoint increases the ease of entering and
obtaining
product information by using the unique product identifier, instead
of
keywords, and returning product-specific information.

Try it for Yourself Using the Web

By entering or scanning in a product's unique barcode number, a
consumer will
find a wealth of product specific information. For example, to receive
information on the album, Supernatural, by Santana, simply access BarPoint
through their website (www.barpoint.com) or on your web-enabled
mobile device,
select the "Music" category and enter the UPC, i.e. 078221908023. This will
return a page that includes detailed manufacturer contact information,
competitive pricing from...

...Internet shopping
information; bridging the gap between the broad selection of products
offered
online with the confidence and satisfaction of retail shopping. Using
unique
product identifiers, such as the UPC barcode, and patent pending
"reverse
search" technology, BarPoint provides consumers and businesses with easy,
efficient access to comparative pricing, product and...

...KPT) and Symbol
Technologies (NYSE: SBL) and last year acquired Synergy Solutions, which is
now a wholly owned subsidiary of BarPoint.com. Whether using a
handheld device
to scan or manually enter the product's UPC or even accessing BarPoint's
website from a desktop computer, BarPoint.com is the most direct...

...barpoint.com.

About RTS Wireless

RTS Wireless is a leading developer of adaptable software systems that
connect
the Internet to a wide array of evolving wireless devices,
including virtually
all cell phones, pagers and hand-held computers. RTS'
product, the Advantage
System, can be specifically configured to meet the particular needs of each
customer, including wireless network operators, wireless infrastructure...

...providers of information
such as news, sports and weather, and corporate data networks. Using the
Advantage system, RTS customers can provide their wireless subscribers, and
clients with e-mail, news, shopping, stock, weather, travel, and
other
information content and services.

RTS Wireless is a member of the WAP (Wireless Application Protocol...

14/3,K/111 (Item 4 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2009 Business Wire. All rts. reserv.

00252620 20000410101B3128 (USE FORMAT 7 FOR FULLTEXT)
Checkpoint System's RFID Technology Selected by Unique ID for Media Asset
Tracking
Business Wire
Monday, April 10, 2000 10:53 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 736

...to apply CakeS to an
even greater range of asset tracking tasks in film, commercials and
broadcast
television production," said Andy Johnston, commercial director of
Unique ID
Software Ltd.

Unique ID Software Ltd. is a software development company that
specializes in
solutions for customers in the broadcast television and film/video
post-production industries. Unique ID has a primary focus
towards
internet-based solutions including design, e-commerce, network
security and
web hosting. Unique ID is a part-owned subsidiary of the Smoke
& Mirrors
Group.
Unique ID's CakeS media asset-tracking solution is targeted at
the video,
post-production, film, and 3D animation industries. CakeS is unique in that
the impact...

...is minimal, yet it can
show users on request copies of any video, film or 3D stored within the
facility. The system combines a unique identifier on tapes, and other
physical assets, with a proprietary digitizing station to create streamable
proxy clips in real-time from the original tape media. CakeS...

...Checkpoint is a leader in the development of
RFID technology across all industries and a leading provider of RF source
tagging, barcode labeling systems, EAS, hand-held labeling
systems, and
retail merchandising systems. Applications include automatic
identification,
retail security, and pricing and promotional labels. Operating in 27
countries, Checkpoint has a global network of subsidiaries and
provides
professional customer service and technical support around the world.
Checkpoint Systems, Inc.'s web site is located at www.checkpointsystems.com
...

14/3,K/112 (Item 5 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2009 Business Wire. All rts. reserv.

00207495 20000302062B3718 (USE FORMAT 7 FOR FULLTEXT)
Judnick Attorneys Find Ambiguity in DoubleClick CEO's Recent Policy
Statement: California Suit Continues
Business Wire
Thursday, March 2, 2000 23:41 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 671

...not across 'multiple' web sites. This
would lead me to conclude that DoubleClick is still associating Names and
Addresses with private clickstream data on their ~~servers~~ on a web
site by web
site basis.
"The announced policy does little to insure Internet users of privacy
protection. DoubleClick has historically tied ~~unique cookie~~
~~numbers~~ to
clickstream data across multiple web sites. DoubleClick has also collected
Name and Address information and tied it to ~~cookie~~ numbers at sites
like
www.iaf.net. This leads to the conclusion that DoubleClick has the
information on their computers to run a simple merge report to tie the
names
and addresses of Internet users to their ~~cookie~~ and ~~private~~
clickstream
information 'across web sites'. Doubleclick is one database report
away from
creating the mother of all psychographic profiles of an Internet user's
online activity. DoubleClick...

...their alleged intrusive data collection procedures but rather they
are only promising to not generate a simple database report to merge the
three sets of ~~private~~ data (Name/Address, ~~Cookie~~,
Clickstream) together on
one printout or one screen even though the information resides on their
~~servers~~...This 'across web sites' phrase appears to be ambiguous and,
in my
opinion, language that needs to be further scrutinized.

"Given the sensitive nature of...

...Amended Complaint, including, loan data,
hepatitis pages, pregnancy complication pages, sexual preference pages and
mental illness pages, and in light of the alleged accumulation of
~~private~~ and
intrusive information without informed consent, the California case
entitled
Judnick v. DoubleClick will move forward with the goal of getting a lasting
equitable remedy for web surfers...

14/3,K/113 (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire
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00268127 20000217PHTH021 (USE FORMAT 7 FOR FULLTEXT)
Sms Launches National E-Business And Hipaa Tour Attracting Healthcare
Executives And Physicians
PR Newswire
Thursday, February 17, 2000 10:05 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 839

...These assessment services include gap analysis, risk assessment,
potential
costs and benefits, and implementation and monitoring services to guide
HIPAA
compliance activities. SMS also offers network security consulting
services
that quantify the current level of network security at a health
enterprise,
identify network-level vulnerabilities, and determine areas of
improvement.

The availability of these services and SMS' leadership in the recent
HIPAA
Security Summit underscore the company's...

...hipaa).

About HIPAA
The Administrative Simplification section of HIPAA will establish
national
standards for electronic transactions among various entities across
healthcare
through the adoption of unique identifiers, standard code
sets, and security
requirements for the protection of private patient information.
HIPAA is
designed to drive the implementation of electronic data interchange (EDI)
for
specified administrative and financial healthcare transactions. Final
Rules
for HIPAA will be...

...the continuum of
care. In addition, SMS is a leading provider of outsourcing, consulting,
and
implementation services.

Founded in 1969, SMS has 30 years of network computing
experience,
operating the industry's largest Information Services Center (ISC) and
Health
Information Network for application hosting, e-commerce, enterprise

systems
management, and managed Internet services. As the premier Application
Service
Provider (ASP) in healthcare, SMS' ISC operates health...

14/3,K/114 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04175460 Supplier Number: 54664748 (USE FORMAT 7 FOR FULLTEXT)
VIGLEN: Viglen releases PCs with latest Intel Pentium III processor.
M2 Presswire, pNA
May 18, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 621

... Bus systems including the award-winning Contender Compact Plus,
Contender 2 Plus, Genie ES2 Plus and Genie Plus desktop ranges and the
acclaimed LX2 Plus server series. Products featuring the new
processor will be available for shipping on the launch date.

The Pentium III 550MHz, Intel's highest performance processor for...

...ensuring that the most demanding of applications run at lightning speed,
even within multitasking environments. The sheer speed of the Pentium III
processor allows desktop PCs to run processor-intensive background
tasks such as decompression and real-time virus checking without the user
noticing any depreciation in performance of applications active in the
foreground. This increases productivity and ensures that network
resources are used more efficiently.

Incorporating 70 new instructions, the Pentium III processor
dramatically improves the performance of current applications with benefits
including exceptional levels...

...this technology now will ensure that users protect their IT investment.

Security is a pressing issue for business users and with their
in-built processor serial number, Pentium III PCs offer
customers peace of mind. The serial number enhances asset
tracking and provides a constant identifier for document control,
content distribution and e-business transactions.

Commenting on today's announcement, Bordan Tkachuk, Viglen's chief
executive said: "Intel's Pentium III...

14/3,K/115 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04055659 Supplier Number: 53537571 (USE FORMAT 7 FOR FULLTEXT)
Kaiser to Spend \$90 Million In 1998 Alone on Year 2000 Fixes.
Managed Care Week, pNA
Dec 21, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 2624

(USE FORMAT 7 FOR FULLTEXT)

ABSTRACT:

TEXT:

...are gaining increased attention in health plan business and IT budgets. Legislation Forces Change Information standards, public policies under federal laws, and the security of personal health information have become the foundation of the new national health care information infrastructure. Managed care plan compliance with the Health Insurance Portability and Accountability Act of...

...to document diagnoses and procedures ~ as well as for reimbursement and utilization review ~ this will require changes to all systems that use these codes. (4) Identifier standards that will provide unique identification of individuals, employers, health plans and providers. The goal is to facilitate exchange of information, improved access and quality, continuity of care, outcome measurements and...

...technology: call centers, which use advanced routing systems to direct calls. These systems will require ongoing IT investments as telecommunications evolves into newer, more reliable networks. High-technology document management systems is another. Document imaging and workflow software streamline back-office processing, and reduce manual data entry, errors, processing time and...

14/3,K/116 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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02864123 Supplier Number: 45811110 (USE FORMAT 7 FOR FULLTEXT)
CTIA SIMPLIFIES ROAMING AND BILLING AGREEMENT PROCESS
Mobile Phone News, v13, n39, pN/A
Sept 25, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 432

... assigning the SID and BID codes for A-, B-, C-, D- , E- and F-block licenses, Cibernet will assign the equipment manufac- turer codes for PCS terminals. The first international mobile equipment identifier code (IMEI) already was assigned to L.M. Ericsson's global system for mobile communications (GSM) phones. Equipment manufacturer codes are used to reference the IMEI and/or the electronic serial number assigned to equipment.

As part of its effort to ease billing and roaming agreements among carriers, Cibernet plans to launch the Cibernet Online Roaming Database...

...committee, which is responsible for developing roamer billing standards among GSM carriers.

...IBM, GTE Launch Roaming and Billing Management Solution
In related news, IBM Global Network joined GTE Telecommunication Services to offer a solution to tracking subscriber roaming and distributing operator revenues appropriately. GTE modified its ACCESS Settlement and Exchange Services...

14/3,K/117 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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02401199 Supplier Number: 44752704 (USE FORMAT 7 FOR FULLTEXT)
TECHNOLOGY WILL PLAY A KEY ROLE IN ANY HEALTH CARE BILL THAT GETS THE NOD
Electronic Claims Processing Report, v2, n12, pN/A
June 13, 1994
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1259

... would be prohibitive."

The subject of some controversy is the use of a health security card, a magnetic stripe card that won't contain any personal health information. It would, however, contain the individual's unique identifier and plan number, said Silva. The unique identifier is itself a hot topic. The use of a person's social security number has been widely discussed.

"Our role to the Hill is to demonstrate the consequences of choosing the Social Security number or some other identifier," Silva said. The cost to the private sector of choosing something other than the Social Security number will be fairly significant, and the group is...

...plans to maintain electronic documentation of all encounters. The health data would be captured as a by-product of care and transmitted to a national network. Any electronically stored data would have to be stored in a standardized fashion and be accessible under authorized access throughout the electronic network. Another big challenge facing both the White House and Congress is how they plan to address confidentiality and privacy.

"If you're planning to be...

14/3,K/118 (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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02004787 Supplier Number: 43611267 (USE FORMAT 7 FOR FULLTEXT)
UNIDEN UNVEILS LAND MOBILE EQUIPMENT AT AMTA EXPOSITION
Land Mobile Radio News, v47, n5, pN/A
Jan 29, 1993
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 385

... equipment, called Extended Sub-Audible Signaling (ESAS). ESAS brings cellular-like switching advantages to land mobile radio, such as each mobile radio will have a unique identification number, which makes possible automatic number identification, unit disable and unit verification. These features make billing easier and help to prevent fraud.

The trunking logic provides the automatic, seamless roaming. The ESAS radio silently scans and automatically locks onto the best available

signal. Once locked on, the radio automatically transmits its unique identifier code to the selected tower that then relays it, along with the tower location, to the network controller. Calls to mobiles can be routed directly to the closest tower, thereby avoiding wide-area broadcasts.

An 800 MHz ESAS working handheld model unit was used at the show and company officials said a model would be in general production in April. Company officials said it looks exactly like a cellular phone.

Uniden advocates ESAS as an industry standard so it is offering the technology, royalty free, to other manufacturers. "Unlike other companies, Uniden does not want...

14/3,K/119 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
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0770553 BW1221

VIA TECH: ViaTech Introduces Adaptive Fingerprint Security With VT Protect 5.0, Premier Software Piracy Prevention Solution

November 10, 1997

Byline: Business Editors

...the new product enhancements, VT Protect also includes these important features:

-- Unique system "fingerprint":

An innovative process of hardware and software system checks determines a unique system ID or "fingerprint," which is, in

turn, used as part of the encryption scheme for password generation.

-- Advanced encryption scheme:

VT Protect features a "multi-pass...

...of information, scrambles it with the first, then finds a third piece of information, combines that with the first two, as so on until an identifier completely unique to the system is created.

-- Comprehensive license customization options:

VT Protect's customizable license enforcement provides software developers with expanded control over product...

...make up the license password contents. Developers are able to create variable security mechanisms for their offerings, rather than having to use predefined security controls.

-- Network independent operation:

VT Protect's network independent license operation provides software developers with the flexibility to address the needs of users on corporate networks as well as those of software buyers with stand-alone home PCs and nomadic laptops. Unlike existing solutions, VT Protect does not require a network server or network-served metering software.

-- Multiple licensing options:

Varied license choices...

14/3,K/120 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
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1282757 LATH009
Micro House Delivers ImageCast(TM) Deluxe 2.1

DATE: May 28, 1998 07:22 EDT WORD COUNT: 542

... disk imaging technology, announced today the shipment of ImageCast Deluxe 2.1. This new hard drive image duplication upgrade includes automated post-imaging customization of client PCs, enhanced integrated security identifier (SID) creator for Windows NT, DHCP client diskette support, greatly enhanced ClientBuilder application, and several popular Micro House SupportSource-based information modules on CD-ROM.

Following the TCP/IP multicast process, ImageCast Deluxe 2.1 further shortens network workstation setup by automatically configuring each PC's Windows registry with unique parameters. This post-configuration process will handle Microsoft Networking parameters, which include the computer name, domain or workgroup name, network login name, IP address, and the subnet mask. This is another step forward in reducing overall PC setup time.

With ImageCast Deluxe 2.1, after the transmission of an image is completed, the controller automatically and safely creates a unique SID number for each cloned Microsoft Windows NT workstation. The ability to disable the SID creator function is available in both multicast and standalone modes.

"Micro House...

... ImageCast 2.1 is another major step forward by Micro House in reducing PC setup time with faster imaging and automated post-configuration-enabling Windows PCs to login to the network upon booting up the first time," says Dan Eccher, ImageCast product manager. Eccher goes on to say, "I am confident Micro House is driving the...

... International, a privately held company headquartered in Boulder, Colorado, is a leading provider of PC hardware technical information libraries and utilities for hard drives and network image duplication. Micro House information products and utilities are used by hardware technicians, network administrators, help desk and IT professionals, resellers, and system integrators throughout the world for installation, maintenance, and upgrades of multivendor PCs and networks. The company's key information products and utilities are SupportSource, the Support On Site product family (recently acquired from Ziff-Davis), the Micro House Technical...

14/3,K/121 (Item 2 from file: 813)
DIALOG(R)File 813:PR Newswire
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1235579

NEM011

Engage Technologies Leads The Charge To Safeguard Consumers' Online Privacy

DATE: March 2, 1998

07:29 EST

WORD COUNT: 1,133

... their privacy practices to site visitors. The proposal recommends that Web sites use "Trust Labels" to associate their Internet privacy practices with information exchanged through cookies. These "Trust Labels" conform to the Platform for Internet Content Selection (PICS) standard, and tell visitors how a Web site will use information stored in a cookie or derived from a cookie.

This proposal is the latest example of Engage's constant push to guarantee consumer privacy protections. Engage-sponsored proposals have also gained overwhelming support among...

... Engage's Technologies & Policies Created With User Anonymity As 1 Priority

To ensure rigorous adherence to its privacy goals, Engage.Knowledge was developed with a unique "dual-blind" identification technology that fully guarantees users' anonymity. Visitors to Engage-Enabled Web sites are tagged with a unique, anonymous numerical identifier, which captures their on-line behavior and usage patterns. This means that-- unlike other 1:1 marketing solutions -- user registration is not required for Engage...

... users' names or e-mail addresses. And, even with these boundaries in place, a visitor can still choose to 'opt-out' of the Engage-Enabled network, from our Web site.

"When it comes to reassuring online users of the safety of their personal information, Engage Technologies intends to 'cover all the bases,'" Jaye concluded.

Engage Technologies provides enterprise-class services and technology that leverage access to the world's...

...on-line content service currently serving over 200 ISPs.

NaviSite Internet Services is a leading provider of business-critical Internet outsourcing solutions, including dial-up networking services for ISPs and corporations, and customized Internet Server Management solutions for companies conducting business on the Internet. ADSmart provides centralized advertising distribution, advertising campaign management and planning for interactive media for over 90...

14/3,K/122 (Item 3 from file: 813)

DIALOG(R)File 813:PR Newswire

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1220537

SFM037

Winter Forecast For Telecom: Bundle Up

...Users of this study will learn how to benchmark themselves against other competitors in the industry.

The technologies reviewed in this research include advanced intelligent networks (AIN), advanced mobile phone services (AMPS), alphanumeric messaging, analog transmission, asynchronous transfer modes (ATM), broadband transmission, billing validation applications (BVA), billing validation services (BVS), cables, code division multiple access...

...technologies, card issue identifier calling cards (CIID), coaxial cable, collocation, dedicated lines, digital transmission systems, e-mail, enhanced time division multiple access (E-TDMA), electronic serial numbers, frequency division multiple access (FDMA), fiber optics, frame relay, global standards for mobile communications (GSM), information services, integrated service digital network (ISDN), landlines, leased lines, local loops, mainframe architecture, microwave, mileage banding, mobile telephone switching office (MTSO), message telephone systems (MTS), narrowband advanced mobile phone services (NAMPS), numerical assignment module (NAM), optical fiber, packet data, paging, personal communications services (PCS), portable phones, roamer access numbers, smart phones, synchronous optical networks (SONET), signaling system 7 (SS7), switches, teleconferencing, time division multiple access (TDMA), transportable phones, trunks, voice mail, voice messaging, voice-activated ...

... FaciliCom International, LLC, Fibercom, Inc., Frontier Corporation, GST Call America, GST Telecommunications, Inc., GTE Corporation, GTE Wireless, HT Technologies, Icon Communications Corp., IdealDial Corporation, Independent Network Services, Intelcom (U.S.A.), Inc., InterMedia Partners, International Carrier Exchange, Inc., (ICE), IXC Communications, Jones Intercable, Inc., LCC Long Distance, LCI International, LDMI Long...

14/3,K/123 (Item 1 from file: 13)
DIALOG(R)File 13:BAMP
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00706953 Supplier Number: 25753554 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Privacy in the Digital Age
(Privacy, like security, has become a major battleground in the digital age; one way to protect one's privacy is to keep one's business and personal computer separate by using home computer for personal e-mail and Internet access)
Article Author(s): Blotzer, Michael J
Occupational Hazards, v 62, n 7, p 29-31
July 2000
DOCUMENT TYPE: Journal ISSN: 0029-7909 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1490

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...way through cyberspace, corporate computers are stalking you and creating a profile of your activities, often without your knowledge.

Online companies develop these profiles with "cookies," small text files placed on your hard drive by a Web server that identifies you to the site. Cookies are not necessarily bad; they actually make surfing easier, eliminating the need to enter your ID and password each time you visit a members-only site and helping customize the information presented on personalized Web pages.

Online advertisers, like DoubleClick (www.doubleclick.net), however, use cookies to track a user's online activities. Whenever you visit a Web site with DoubleClick-furnished advertisements, the URL of the site visited is sent to DoubleClick, along with a unique ID number in your cookie file. Because DoubleClick furnishes advertising to a large number of Web sites, the company can track you as you travel between sites. Over time, a profile can be used to infer sensitive personal information, such as medical conditions, political and religious beliefs, or sexual preferences.

According to PC World magazine, DoubleClick has profiled more than 100 million users. DoubleClick...

14/3,K/124 (Item 2 from file: 13)
DIALOG(R)File 13:BAMP
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00589314 Supplier Number: 24249420 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Is Internet Advertising Ready for Prime Time? Part 1 of 2
(Research finds that estimated ad reach of banner ads on current Internet sites is overestimated by at least 25%)
Article Author(s): Dreze, Xavier; Zufryden, Fred
Journal of Advertising Research, v 38, n 3, p 7-12
May 1998
DOCUMENT TYPE: Journal ISSN: 0021-8499 (United States)
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4121

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...methods. We proceed according to the following four study steps: (1) We first examine five Web sites that track their visitors by the means of unique visitor IDs to estimate the bias created by the use of IP addresses as a means of visitor identification; (2) in the next study, we explore the...

...Internet users' IP addresses are used to identify unique visitors to a Web site. At this stage, the recording of page requests from Web-site servers are used to measure potential exposures to banner advertising without accounting for potential repeat exposures to pages that may have been cached on individual surfers' PCs.

In order to examine the magnitude of the errors inherent in current

measurement methods, we examined various Web sites that use unique visitor IDs. The visitor IDs were generated using a combination of cookies and user passwords.(3) These visitor IDs allow us to compute actual measures of Reach, Frequency, and GRP that accurately accounted for unique visitors.

We...

14/3,K/125 (Item 3 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2009 Gale/Cengage. All rts. reserv.

00570454 Supplier Number: 24159364 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Managing info-mania
(Growth in the computer telephony industry is expected to come from small to mid-sized companies)
Article Author(s): Staples, Joe
Communications News, v 35, n 2, p 40
February 1998
DOCUMENT TYPE: Journal ISSN: 0010-3632 (United States)
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 707

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...the sender and recipient to leave the desk and wait by the fax machine.

* Companies with more sophisticated fax technology, such as LAN-based fax servers, must manage those faxes from yet another client interface with a different set of commands. One solution is unified messaging. It provides universal access and control of all message types--voice mail, fax...

...Information access allows callers to obtain specific information--often customized--automatically from the telephone or personal computer. Using interactive voice response (IVR), callers enter a unique identifier (an account number or order number) and access personal information such as an account balance, order status, or any unique information stored on a host database. IVR provides a higher level of customer service by...

14/3,K/126 (Item 1 from file: 75)
DIALOG(R)File 75:TGG Management Contents(R)
(c) 2009 Gale/Cengage. All rts. reserv.

00217685 SUPPLIER NUMBER: 53197682 (USE FORMAT 7 FOR FULL TEXT)
Is Internet Advertising Ready for Prime Time?
Fred, Xavier; Zufryden Dreze
Journal of Advertising Research, NA
May 1, 1998
ISSN: 0021-8499 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 7378 LINE COUNT: 00573

... methods. We proceed according to the following four study steps:
(1) We first examine five Web sites that track their visitors by the means of unique visitor IDs to estimate the bias created by the use of IP addresses as a means of visitor identification; (2) in the next study, we explore the...

...Internet users' IP addresses are used to identify unique visitors to a Web site. At this stage, the recording of page requests from Web-site servers are used to measure potential exposures to banner advertising without accounting for potential repeat exposures to pages that may have been cached on individual surfers' PCs.

In order to examine the magnitude of the errors inherent in current measurement methods, we examined various Web sites that use unique visitor IDs. The visitor IDs were generated using a combination of cookies and user passwords.(3) These visitor IDs allow us to compute actual measures of Reach, Frequency, and GRP that accurately accounted for unique visitors.

We...

14/3,K/127 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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02393136

Personal communications internetworking
Verwendung eines Internet-Netzwerks zur persönlichen Kommunikation
Appareil et procede pour durcir des materiaux avec un rayonnement lumineux
PATENT ASSIGNEE:

ACCESS CO., LTD., (1735215), Hirata Building, 3F. 2-8-16 Sarugaku-Cho
Chiyoda-Ku, Tokyo 101-0064, (JP), (Applicant designated States: all)

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PATENT (CC, No, Kind, Date): EP 1887771 A1 080213 (Basic)

APPLICATION (CC, No, Date): EP 2007020191 950919;

PRIORITY (CC, No, Date): US 309336 940919

DESIGNATED STATES: DE; FR; GB; NL; SE

EXTENDED DESIGNATED STATES: LT; LV; SI

RELATED PARENT NUMBER(S) - PN (AN):

EP 1401180 (EP 2003078320)

EP 782805 (EP 2095933149)

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
H04M-0003/42 A I F B 20060101 20080104 H EP
ABSTRACT WORD COUNT: 104
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200807	874
SPEC A	(English)	200807	20986
Total word count - document A			21860
Total word count - document B			0
Total word count - documents A + B			21860

...SPECIFICATION number N represents the maximum number of BCD digits, not octets.

cN Up to N ASCII characters.

cN Binary integer N bytes in length, in network byte order (highest order bit transmitted first).

Because the portion of the PCI subscriber profile downloaded to the PCI server is large (preferably approximately 1...

...must be managed in segments. The service profile is divided into six segments as shown in Table 1. Each segment is assigned a unique numeric identifier.

Certain data in a subscriber profile provides a subscriber's preferred media for messages delivery and notification. The encoding for these types are given in Table 2. For example, if the subscriber prefers to receive e-mail which passes screening via the FDA 30, then the "primary destination one" profile element will contain a "P".

Fig. 8 illustrates a message flow for profile retrieval using the GDI protocol. A subscriber attempts to register with the PCI server either explicitly or implicitly (registration is discussed in detail below). The PCI server 48 send a GDI GetData query to the PCI database 44 over one of the GDI links (line 260). The PCI server 48 may send one GetData data query for each PCI profile segment. Each query will be processed by the PCI database 44 as an independent transaction with a unique TCAP transaction ID. Each GetData query sent by the PCI server 48 will include a "Service Key" parameter which is a ten-digit PCI subscriber number (e.g., a telephone number). This key should be used...

...code and data for each element requested in the GetData data query.

Fig. 9 provides a message flow of a profile update from a wireless FDA 30. This wireless profile update uses the GDI protocol. A subscriber performs a profile manipulation activity, and the FDA 30 sends a profile data message to the PCI server 48. The PCI server 48 sends a GDI SendData query to the PCI database 44 over one of the GDI links (line 264). The PCI server 48 may send one SendData query for each PCI profile segment for which a profile element was updated. Each query will be processed by the PCI database 44 as an independent transaction with a unique TCAP transaction ID.

Each Send Data query sent by the PCI server 48 will include a "Service Key" parameter which is the ten digit PCI subscriber number.

This key should be used by the PCI database 44...the PDA bound E-mail from the external mail storage system into a pending area in the PCI server; (b) send an acknowledgement to the PDA indicating the number of PDA bound E-mail now residing in the pending area; and (c) initiate delivery of these PDA bound E-mail from the pending area...

...abort the send operation and discard the summary information. In response to the request, the PCI server 48 will (a) send an acknowledgement to the PDA indicating the number of MS-bound E-mail present; (b) extract summary information from those messages; and (c) send the summary to the subscriber's PDA (line 332...

14/3,K/128 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2009 European Patent Office. All rts. reserv.

01710336

Personal communications internetworking
Internetzsystem fur personliche Ubertragungsdienste
Systeme d'interconnexion de reseaux pour usage personnel
PATENT ASSIGNEE:

ACCESS CO., LTD., (1735215), Hirata Building, 3F. 2-8-16 Sarugaku-Cho
Chiyoda-Ku, Tokyo 101-0064, (JP), (Proprietor designated states: all)
INVENTOR:
Pepe, David Matthew, 51 Kings Highway, Middletown, NJ 07748, (US)
Blitzer, Lisa B., 10 Gramercy Lane, Manalapan, NJ 07726, (US)
Brockman, James Joseph, 15 Running Brook Drive, Perrineville, NJ 085535,
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Hakim, Dwight Omar, 20 Tina Place, Matawan, NJ 07747, (US)
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Ramirez, Gerardo, 3505 Sunny Slope Road, Bridgewater, NJ 08807, (US)
Wang, Yang-Wei, 10 Cambridge Drive, Howell, NJ 07731, (US)
White, Robert G., 20 Knollwood Drive, Morristown, NJ 07960, (US)

LEGAL REPRESENTATIVE:

McLeish, Nicholas Alistair Maxwell et al (74621), Boulton Wade Tennant
Verulam Gardens 70 Gray's Inn Road, London WC1X 8BT, (GB)
PATENT (CC, No, Kind, Date): EP 1401180 A1 040324 (Basic)

EP 1401180 B1 071212
APPLICATION (CC, No, Date): EP 2003078320 950919;
PRIORITY (CC, No, Date): US 309336 940919
DESIGNATED STATES: DE; FR; GB; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):

EP 782805 (EP 95933149)
RELATED DIVISIONAL NUMBER(S) - PN (AN):
(EP 2007020191)

INTERNATIONAL PATENT CLASS (V7): H04M-003/42
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
H04M-0003/42 A I F B 20060101 20040129 H EP
ABSTRACT WORD COUNT: 104
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200413	1846
CLAIMS B	(English)	200750	1494
CLAIMS B	(German)	200750	1444
CLAIMS B	(French)	200750	1726
SPEC A	(English)	200413	21010
SPEC B	(English)	200750	20410
Total word count - document A			22859
Total word count - document B			25074
Total word count - documents A + B			47933

...SPECIFICATION number N represents the maximum number of BCD digits, not octets.

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Because the portion of the PCI subscriber profile downloaded to the PCI server is large (preferably approximately 1...

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Fig. 8 illustrates a message flow for profile retrieval using the GDI protocol. A subscriber attempts to register with the PCI ~~server~~ either explicitly or implicitly (registration is discussed in detail below). The PCI ~~server~~ 48 send a GDI GetData query to the PCI database 44 over one of the GDI links (line 260). The PCI ~~server~~ 48 may send one GetData data query for each PCI profile segment. Each query will be processed by the PCI database 44 as an independent transaction with a unique TCAP transaction ID. Each GetData query sent by the PCI ~~server~~ 48 will include a "Service Key" parameter which is a ten-digit PCI subscriber number (e.g., a telephone number). This key should be used...

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server; (b) send an acknowledgement to the PDA indicating the number of PDA bound E-mail now residing in the pending area; and (c) initiate delivery of these PDA bound E-mail from the pending area...

...abort the send operation and discard the summary information. In response to the request, the PCI server 48 will (a) send an acknowledgement to the PDA indicating the number of MS-bound E-mail present; (b) extract summary information from those messages; and (c) send the summary to the subscriber's PDA (line 332...

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14/3,K/129 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01394009

A TRADING AND AUCTION SYSTEM, AND METHODS FOR THE AUTHENTICATION OF BUYERS AND SELLERS AND FOR THE TRANSMISSION OF TRADING INSTRUCTIONS IN A TRADING AND AUCTION SYSTEM

HANDELS- UND AUKTIONIERUNGSSYSTEM UND VERFAHREN ZUR AUTHENTIFIZIERUNG VON KAUFERN UND VERKAUFERN UND ZUR UBERTRAGUNG VON HANDELSANWEISUNGEN IN EINEM HANDELS- UND AUKTIONIERUNGSSYSTEM

SYSTEME DE COMMERCE ET DE VENTE AUX ENCHERES, ET PROCEDE D'AUTHENTIFICATION D'ACHETEURS ET DE VENDEURS ET DE TRANSMISSION D'INSTRUCTIONS COMMERCIALES DANS UN SYSTEME DE COMMERCE ET DE VENTE AUX ENCHERES

PATENT ASSIGNEE:

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GARCIA, Gilpatrick R., Suite 3103D East Tektite Towers, Exchange Road, Ortigas, Pasig City, (PH)

LEGAL REPRESENTATIVE:

Johnson, Terence Leslie (42962), Marks & Clerk 90 Long Acre, London, WC2E 9RA, (GB)

PATENT (CC, No, Kind, Date): EP 1305745 A1 030502 (Basic)
EP 1305745 B1 070425
WO 2001098983 011227

APPLICATION (CC, No, Date): EP 2000944560 000621; WO 2000SG92 000621

DESIGNATED STATES (Pub A): AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; (Pub B): AT; BE; CH; CY; DE; DK; ES; FI; FR; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-017/60

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06Q-0030/00 A I F B 20060101 20061106 H EP

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200717	1084
CLAIMS B	(German)	200717	1064
CLAIMS B	(French)	200717	1272
SPEC B	(English)	200717	5719

Total word count - document A 0

Total word count - document B 9139

Total word count - documents A + B 9139

...SPECIFICATION short messages to be exchanged between its subscribers. A user typically types a short text message into their GSM mobile phone, and then enters the mobile phone number of the intended recipient of the message as that recipient's address. Once sent, the message is processed by the GSM network's Short Message Service Center's (SMSC) server system and forwarded to the mobile phone of the recipient.

The invention includes an auction server that...

...from that buyer's wireless device via said message receiving means, and to determine the product or service by extracting and recognizing the unique identification number of the product or service from a 'Recipient' field of received messages, identify the buyer by extracting and recognizing a unique identifier of the wireless...

...product or service by an exchange of messages with the trading and auction system, wherein one of said messages is communicated to said buyer's wireless device via said message dispatching means and/or another of said messages is received from said buyer's wireless device via said message receiving means.

The wireless device may be a GSM device with SMS capability, said wireless device being serviced by a GSM network including a SMSC server to control and manage SMS to and from said wireless device, said message dispatching means and message receiving means being in direct communication with said SMSC server to send and receive SMS therefrom, respectively.

The message dispatching means may be arranged to concatenate an access identification number with the unique identification number of the product or service and place said concatenated number in the 'Sender' field of each message sent to a buyer concerning that product or service, said SMSC server using the access identification number to identify SMS from the buyer's wireless device destined for said trading and auction system and to forward such SMS directly to the message receiving means.

The message dispatching means and message receiving means are connected to said SMSC server via a computer network.

BRIEF DESCRIPTION OF THE DRAWINGS

The invention will be better understood in the light of the following description of one specific mode thereof. The description...

...may comprise the user's name, address, a unique identification number of a messaging-capable wireless device owned by the user such as a GSM mobile phone number, e-mail address, and nickname. The optional data in the embodiment comprises the user's date of birth, for instance.

The registration handler assigns the...

...registration handler. As shown, the registration process initially involves the registration handler obtaining the temporary password assigned to the user and the user's GSM mobile phone number from the database 12.

The registration handler then instructs the message dispatcher to send an SMS message to the user's mobile telephone 22. The user's GSM mobile telephone number is used as the "recipient" field in the SMS message. The message text of the SMS message contains

the temporary password assigned to the user...

...a confirmation via their computer, it should be appreciated that alternative registration procedures may be adopted that would still require the user to specify their **mobile phone number** in order to activate their account.

For example, upon submitting the registration data, the user could be taken, to a web page that contains the **mobile telephone number** will be present in the "sender" field of the SMS message.

In an enhancement to the registration process, the auction server 10 dispatches a message...

...message dispatcher to send an SMS message to the user's GSM mobile phone 22. The auction and message trade handler retrieves the user's **mobile phone number** from the database 12 and forwards this to the message dispatcher to be included as the "recipient" field of the SMS message.

The auction and...

...server 10.

Upon receiving the SMS message, the message receiver extracts the product UIN from the "recipient" field of the SMS message, the user's **mobile phone number** from the "sender" field of the SMS message, and the text message of the SMS message and forwards these to the trade and auction handler...

...auction handler is able to identify the product from the product UIN. Further, the trade and auction handler can identify the user from their GSM **mobile telephone number**. In the event that a higher bid has already been received from another user, or the user's bidding instructions were indecipherable, the auction and...

...CLAIMS B1

1. A method for the transmission of trading instructions in a trading and auction system (10), comprising the steps of: assigning a **unique** identification number to each of a plurality of products or services for sale or auction at said trading and auction system;

 sending a message to...

...buyer's GSM wireless device (22) via said message receiving means, and to determine the product or service by extracting and recognizing the unique identification **number** of the product or service from a 'Recipient' field of received messages, identify the buyer by extracting and recognizing a unique identifier of the wireless...

...or service by an exchange of messages with the trading and auction system (10), wherein one of said messages is communicated to said buyer's **wireless device** (22) via said message dispatching means and/or another of said messages is received from said buyer's **wireless device** (22) via said message receiving means.

10. A trading and auction system as claimed claims 8 or 9, wherein said GSM **wireless device** (22) is a device with SMS capability, said **wireless device** being serviced by a GSM network including a SMSC server (20) to control and manage SMS to and from

said wireless device (22), said message dispatching means and message receiving means being in direct communication with said SMSC server (20) to send and receive SMS therefrom, respectively...

...A trading and auction system as claimed in claim 10, wherein said message dispatching means is arranged to concatenate an access identification number with the unique identification number of the product or service and place said concatenated number in the 'Sender' field of each message sent to a buyer concerning that product or service, said SMSC server (20) using the access identification number to identify SMS from the buyer's wireless device (22) destined for said trading and auction system (10) and to forward such SMS directly to the message receiving means.

12. A trading and...

...claimed in claim 10 or 11, wherein said message dispatching means and message receiving means are connected to said SMSC server (20) via a computer network (14).

14/3,K/130 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01376531

METHOD AND SYSTEM FOR INVITING AND CREATING ACCOUNTS FOR PROSPECTIVE USERS OF AN INSTANT MESSAGING SYSTEM
VERFAHREN UND SYSTEM ZUM ANBIETEN UND ERZEUGEN VON ACCOUNTS FUR POTENTIELLE BENUTZER EINES INSTANT-MESSAGING-SYSTEMS
PROCEDE ET SYSTEME D'INVITATION A LA CREATION ET DE CREATION DE COMPTES, DESTINES AUX EVENTUELS UTILISATEURS D'UN SYSTEME DE MESSAGERIE INSTANTANEE

PATENT ASSIGNEE:

Chikka Pte Ltd, (3935193), 190 Middle Road No. 12-04, Singapore 188979, (SG), (Proprietor designated states: all)

INVENTOR:

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SCHLOTMAN, Brian, 1480 Covered Bridge Road, Cincinnati, OH 45231, (US)
LEGAL REPRESENTATIVE:

White, Duncan Rohan et al (86304), Marks & Clerk 90 Long Acre, London WC2E 9RA, (GB)

PATENT (CC, No, Kind, Date): EP 1305724 A1 030502 (Basic)
EP 1305724 B1 061102
WO 2001086469 011115

APPLICATION (CC, No, Date): EP 2000928095 000512; WO 2000SG70 000512
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-015/17

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0015/17 A I F B 20060101 20011120 H EP

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200644	1044
CLAIMS B	(German)	200644	936
CLAIMS B	(French)	200644	1148
SPEC B	(English)	200644	6786
Total word count - document A			0
Total word count - document B			9914
Total word count - documents A + B			9914

...SPECIFICATION receiving instant messages at a particular moment.

A limitation with current IM systems is that some are not designed to interconnect with particular types of *client* applications or different IM systems, or at least make it difficult to do so. For example, other *client* applications may include email-based *client* applications...

...mobile number of the intended receiver. Under the SMS protocol, the textual message from the sender is initially sent to the SMSC server using the *cellular telephone* network. The SMSC then stores the message and allocates it to the intended recipient for downloading, in accordance with normal GSM protocol, when the recipient...

...For example, Nokia(TM))) use Computer Interface Message Distribution protocol version Two (CIMD2).

In order for most internet-based IM systems to work, a unique *identifier* needs to be assigned to each user and an active account set up for the user on the IM server system under that *identifier* to enable the IM system to track and provide the requisite functionality of the IM facility to the user. Some IM systems allocate a *Unique Identification Number* ("UIN") and others a code to the user to act as the unique *identifier* of that user within the IM system. The UIN or code may have a proxy name associated with it, to make it more recognisable or...

...connectivity with two or more different types of *client* application, either separate accounts under different *identifiers* are created for each different *client* type, or one *client* type is treated as the primary IM *client* and other *client* types are treated as terminal appliances to be merely notified of the sending of an IM to the corresponding primary IM *client* of the sender.

The reason for this is that the IM systems that were initially developed, such as ICQ(TM))), were strongly oriented so that most of the intelligence in providing the functionality of the IM system resided in the PC *client* application program. Consequently, other *client* types were considered to be quite disparate to the main *client* application and if two-way connectivity was provided, ie the ability to send a reply in response to a received message, this required a separate account or *server* for each different *client* type.

This has led to a cumbersome approach in allocating unique *identifiers* for *clients* in an ad hoc or random manner...

...specific mode thereof. The description is made with reference to the accompanying drawings, wherein:

Figure 1 is a schematic diagram showing generally how a GSM *client*

can register with an IM system;

Figure 2 is a schematic diagram showing generally how an email-based client can register with an IM system...

...email clients. This is essentially made possible by the IM system having basic enabling functions residing within the IM server and by using a unique identifier in the form of a single Unique Identification Number ("UIN") for a user, regardless of the appliance or client type used by that user for accessing the IM server.

Registering an account for a...

...or browsing the particular client application, where the registration process can be tailored to suit the IM system provider quite easily. However, users using open client applications such as GSM mobile phones or email, cannot be handled in the same manner.

In order to achieve registration in accordance with the present mode, the IM server essentially comprises a registration handling means (registration handler), a unique identifier assigning means (UIN assigner), an account processing means (accountprocessor), database means (user database) and a message despatching means (message despatcher). These are embodied in the form of program routines that are continuously executed under the control of an operating system in the IM server and thus automate the registration process.

The registration handler is invoked in response to the IM server receiving a client specific access address of a prospective user on the computer network, ie the internet, to which it may be connected to the server, together with a request to register or tentatively register the prospective user.

The difference between registration and tentative registration arises from whether the prospective user directly accesses the IM server in order to explicitly register an account (registration), or whether the prospective user is invited to register by an existing user, or the operator of the IM server itself (tentative registration). This will be explained in more detail later.

On being invoked, the registration handler essentially controls the remaining routines to effect the...

...uses the information to automatically register an account for the GSM client on the user database 31 of the server. In this instance, the GSM mobile phone number becomes the basis for generating the UIN. To be more precise, the GSM mobile phone number, excluding the "+" sign (as is customary for GSM numbers) is the UIN, as generated by the UIN assigner. Hence the UIN format is (Country Code)+(Area Code or GSM carrier access code)+(Mobile phone number).

The actual SMS message 25 may contain additional information that can be used by the IM server 19, for instance, a preferred "buddy" name. It ...

...handler.

It is important to note that at this stage, the IM server 19 has actually identified the user by virtue of their actual GSM mobile phone number, and assigned a valid UIN to the user. Thus, for all intents and purposes of the IM system, the prospective user is now registered and...

...essential information:
 the numeric address of the IM server as defined within the GSM carrier network, eg Access Code XXX+001, and
 Dennis's GSM mobile phone number, eg +639175336647.
 Step 2: Dennis replies: "Cool D" and sends the SMS to XXX001. The GSM carrier's SMSC receives the SMS and notes its...exchange of messages between these two client types. As previously described, GSM clients primarily send instant messages by directing them to numeric addresses or GSM mobile phone numbers, not alphanumeric names. In the light of this, it is necessary for GSM clients to embed the email address of the target recipient in the...

...IM server acting as an intermediary to accommodate the fact that GSM clients primarily send an SMS instant message to a numeric address or GSM mobile phone number, while email-based users send their messages by email. Communication of the instant messages is controlled by the IM server and then achieved using normal...

14/3,K/131 (Item 5 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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01346158
 A method of distributing redeemable vouchers to targeted customers
 Verfahren zur Verteilung von einlösaren Gutscheinen an gezielt ausgewählte Kunden
 Procédé de distribution de coupons remboursables à des clients choisis
 PATENT ASSIGNEE:
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 PATENT (CC, No, Kind, Date): EP 1150228 A1 011031 (Basic)
 APPLICATION (CC, No, Date): EP 2000650045 000428;
 DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
 LU; MC; NL; PT; SE
 EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
 INTERNATIONAL PATENT CLASS (V7): G06F-017/60
 ABSTRACT WORD COUNT: 54
 NOTE:
 Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200144	712
SPEC A	(English)	200144	4622
Total word count - document A			5334
Total word count - document B			0
Total word count - documents A + B			5334

...SPECIFICATION embodiment of the invention, the ticket is in the form of an option on an invitation to an event and in which the unique ticket identifier includes a distributor phone number and the customer is required, before some specified time to:-

- retrieve the distributor phone number;
- open a communications link with the distributor;
- download the unique ticket identifier; and
- then, the invitation, having a new unique identifier number, is downloaded to the mobile phone.

The great advantage of this is that will allow people who are planning events to be able to ensure as far as they can that...

...initially to Fig. 1, there is illustrated a server, indicated generally by the reference numeral 1, connected by communication links 2 to a number of mobile phone providers 3 who in turn service mobile phones 4. A number of merchant sites providing resources are identified by the reference numeral 5. Essentially, the mobile phones are used by customers and they are serviced by the mobile phone provider 3 and the server 1 is operated by a suitable distributor. The server 1 could be on the site of the mobile phone provider or could be on the site of a merchant or retail service provider or...

...sites 5 for redemption.

When, for example, a merchant wishes to provide certain targeted customers with a redeemable coupon or ticket, the distributor operating the server 1 consults a database of groups of targeted customers. The database may be held by the distributor and provided by the distributor, it may be...

14/3,K/132 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2009 European Patent Office. All rts. reserv.

01313993

Method and apparatus for re-establishing a call in a communication system
Verfahren und Vorrichtung zur Wiederherstellung einer Verbindung in einem Kommunikationssystem

Procede et dispositif de retablissement d'une communication dans un systeme de communication

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 1124394 A1 010816 (Basic)

APPLICATION (CC, No, Date): EP 2000306719 000807;

PRIORITY (CC, No, Date): US 494267 000131

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04Q-007/38

ABSTRACT WORD COUNT: 122

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200133	1642
SPEC A	(English)	200133	4616
Total word count - document A			6258
Total word count - document B			0
Total word count - documents A + B			6258

...SPECIFICATION preferred embodiment, the call is an emergency call. The call is established with a callback number that is different from the directory number of the mobile unit. The callback number is preferably included in the calling number field of the ISUP initial address message (IAM). In the preferred embodiment, the IAM's emergency service indicator...MSC sends (401) a paging message to the mobile unit associated with the identification number. If the callback number can be used to alert the mobile unit, the callback number will be used as the identification number. If the callback number cannot be used to alert the mobile unit, the Mobile Identification Number (MIN) will...used to obtain the associated callback number.

MSC 500 also includes an output port 507 that is effective in sending the callback number to the network element to facilitate the establishment of a call between the MSC and the network element. Output port 507 is preferably running Integrated digital Services network...

...MSC can then use the callback number to obtain the identification number of the mobile unit. The MSC can use the identification number of the mobile unit to alert the mobile unit that the network element is attempting to re-establish the call. When the mobile unit responds to the alerting by the MSC, the MSC re-establishes the call between the network element and the mobile unit.

The present invention thereby provides a method and apparatus for re-establishing a call that has been prematurely terminated for a mobile unit that cannot be reached using its directory number.

It should be understood that there are other parameters that can be used to identify the mobile unit other than the Mobile Identification Number. These include, but are not limited to, the Electronic Serial Number (ESN), location information, or the International Mobile Station...

...method of the present invention could also be used for calls other than emergency calls. For instance, the MSC could store the MIN of a mobile unit, or any other value that uniquely identifies the mobile unit, such as the IMSI, prior to completing a cellular call.

A further embodiment of the present invention can restore premature terminations for packet-based...

...party is not at their preprogrammed IP address.

In such an embodiment, the calling party establishes the call,

preferably by connecting to a Packet Data Gateway (PDG). The PDG routes packets to and from the calling party and the called party. If the call is terminated, the called party sends a...

14/3,K/133 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01289015

System and method for performing an electronic transaction using a transaction proxy with an electronic wallet
System und Verfahren zur Durchführung einer elektronischen Transaktion mit einer elektronischen Geldbörse mittels eines Transaktionsproxys
Systeme et methode pour effectuer une transaction electronique avec un portefeuille electronique a l'aide d'un mandataire de transaction
PATENT ASSIGNEE:

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(Proprietor designated states: all)

INVENTOR:

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PATENT (CC, No, Kind, Date): EP 1107198 A2 010613 (Basic)
EP 1107198 A3 020731
EP 1107198 B1 070110

APPLICATION (CC, No, Date): EP 2000204234 001129;

PRIORITY (CC, No, Date): US 168031 P 991130; US 205318 P 000518

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G07F-007/10; G07F-019/00; G06F-017/60

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G07F-0007/10 A I F B 20060101 20060616 H EP
G07F-0019/00 A I L B 20060101 20060616 H EP
G06Q-0020/00 A I L B 20060101 20060616 H EP

ABSTRACT WORD COUNT: 146

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200124	2528
CLAIMS B	(English)	200702	1273
CLAIMS B	(German)	200702	1130
CLAIMS B	(French)	200702	1581
SPEC A	(English)	200124	8651
SPEC B	(English)	200702	8152
Total word count - document A			11181

Total word count - document B 12136
Total word count - documents A + B 23317

...SPECIFICATION is assigned a unique user name (or identification number) and password for their electronic wallet. In the embodiment shown, the user name assigned comprises the **mobile telephone number** of the subscriber. The password is assigned at random, and may be changed by the subscriber. In an embodiment, the subscribers of the gateway 12...

...is also in communication with the merchant 20. In the embodiment shown in FIG. 2, the issuer 18 is in communication with the transaction portal **server** via the Internet, and is in communication with the merchant 20 via settlement **network** (not shown).

FIG. 3 shows a flow diagram of steps for performing an electronic transaction according to an embodiment of the present invention, as carried...

...34, Internet 36, and advertising 38 (e.g., print advertising, television advertising, and radio advertising). Other marketing channel examples include web pages displayed on a **mobile telephone**, billboard advertisements, telephone marketing systems (e.g., telemarketing), and handbills (not shown).

In the embodiment shown, a product code is shown (or mentioned) in association...

...web pages, or a product code may be mentioned by an announcer in a radio advertisement. In the embodiment shown, the product code comprises a **unique identifying number** for each product (e.g., 47529), but product codes may also comprise short-hand descriptions or brand name of the product (e.g., STAR SHOE, BOOT, or POPCORN), alphanumeric codes (e.g., AZ17), or other **identifier**.

In an embodiment, the **unique product code** is based on conventional product code systems that are prevalent in supermarkets and stores that are normally used for bar-coding or otherwise identifying products...

...displayed next to the coat. In the embodiment shown, 112 indicates a particular merchant (the merchant operating the retail store and associated with the merchant **server** 20) and 90529 indicates a particular product (the coat). The consumer wishes to purchase the coat, but, for one of a number of possible reasons...shown in FIG. 4 are registered with the transaction portal 15. That is, the transaction portal 15 has previously received and stored their names, addresses, **mobile telephone numbers**, further identifiers (e.g., user names and passwords), and bank account numbers.

Referring to FIG. 4, the user of the first mobile telephone 10 wishes ...

...SPECIFICATION is assigned a unique user name (or identification number) and password for their electronic wallet. In the embodiment shown, the user name assigned comprises the **mobile telephone number** of the subscriber. The password is assigned at random, and may be changed by the subscriber. In an embodiment, the subscribers of the gateway 12...is also in communication with the merchant 20. In the embodiment shown in FIG. 2, the issuer 18 is in communication with the transaction portal **server** via the Internet, and is in communication

with the merchant 20 via settlement network (not shown).

FIG. 3 shows a flow diagram of steps for performing an electronic transaction according to an embodiment of the present invention, as carried...

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In the embodiment shown, a product code is shown (or mentioned) in association...

...web pages, or a product code may be mentioned by an announcer in a radio advertisement. In the embodiment shown, the product code comprises a unique identifying number for each product (e.g., 47529), but product codes may also comprise short-hand descriptions or brand name of the product (e.g., STAR SHOE, BOOT, or POPCORN), alphanumeric codes (e.g., AZ17), or other identifier.

In an embodiment, the unique product code is based on conventional product code systems that are prevalent in supermarkets and stores that are normally used for bar-coding or otherwise identifying products...

...displayed next to the coat. In the embodiment shown, 112 indicates a particular merchant (the merchant operating the retail store and associated with the merchant server 20) and 90529 indicates a particular product (the coat). The consumer wishes to purchase the coat, but, for one of a number of possible reasons...

...shown in FIG. 4 are registered with the transaction portal 15. That is, the transaction portal 15 has previously received and stored their names, addresses, mobile telephone numbers, further identifiers (e.g., user names and passwords), and bank account numbers.

Referring to FIG. 4, the user of the first mobile telephone 10 wishes

...

14/3,K/134 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01277470

WRITEABLE MEDIUM ACCESS CONTROL USING A MEDIUM WRITEABLE AREA
BESCHREIBBARE MITTLERE ZUGANGSKONTROLLE VERWENDEND EINEN MITTLEREN
BESCHREIBBAREN BEREICH
CONTROLE D'ACCES D'UN SUPPORT INSCRIPTIBLE AU MOYEN D'UNE REGION DE SUPPORT
INSCRIPTIBLE

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 1224592 A1 020724 (Basic)
 EP 1224592 B1 080326
 WO 2001018731 010315
 APPLICATION (CC, No, Date): EP 2000961729 000907; WO 2000US24783 000907
 PRIORITY (CC, No, Date): US 393150 990910
 DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
 LU; MC; NL; PT; SE
 EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
 INTERNATIONAL PATENT CLASS (V7): G06F-017/60
 INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
 IPC + Level Value Position Status Version Action Source Office:
 G11B-0007/00 A I F B 20060101 20070925 H EP

NOTE:

No A-document published by EPO
 LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200813	404
CLAIMS B	(German)	200813	426
CLAIMS B	(French)	200813	464
SPEC B	(English)	200813	11221
Total word count - document A			0
Total word count - document B			12515
Total word count - documents A + B			12515

...SPECIFICATION computer, such as a remote web host computer, sending a request for a first disk key 712, e.g., over the Internet 714 to a client computer, (e.g., a users home PC, or a microprocessor embedded in a personal electronic device), the client computer, in turn, sends a request for the first disk key, to the disk drive 716. The drive reads the requested disk key, which typically will be the media identifier, such as a serial number or other identifier 718. The disk key is preferably unique to the disk. The first key, in this illustration, called "key A", is read from the disk into...

...knowing a second key). Preferably, the code for performing F1 resides substantially entirely in the drive (e.g. using a state machine or microcode). The client computer receives key B 726 and sends key B to the host computer 728, e.g. over the Internet 730, preferably using a secure connection...an apparatus for use in connection with such medium which is sufficiently small and lightweight as to be practical for use in or with a personal electronic device (PED).

A number of variations and modifications of the invention could be used- It is possible to use some features of the invention without using others. For example...

14/3,K/135 (Item 9 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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01259610
 Decentralized network system
 Dezentralisiertes Netzwerksystem
 Systeme de reseau decentralise

PATENT ASSIGNEE:

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INVENTOR:

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PATENT (CC, No, Kind, Date): EP 1087567 A2 010328 (Basic)
EP 1087567 A3 041027

APPLICATION (CC, No, Date): EP 2000307396 000829;

PRIORITY (CC, No, Date): US 404175 990924

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04L-012/24; H04L-012/56

ABSTRACT WORD COUNT: 181

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200113	486
SPEC A	(English)	200113	11181
Total word count - document A			11667
Total word count - document B			0
Total word count - documents A + B			11667

...SPECIFICATION processor in the iButton or miniaturized computer is loaded with software that enables storing and exchange of messages with second nodes (the wearable computers or PDAs) in accordance with a predetermined relationship. Stored with the iButton memory is data that identifies the first node and its particular properties.

Due to the...

...use of a specific object called SerialRepresentation. The serial representation represents the electronic form of the particular pieces of pollen that travel on the pollen network. A class was created that provides a structure and a set of tools that serialize basic data to transport on the pollen network. This class allows the coding and decoding of the pollen messages. All messages that travel on the pollen network must decode and encode a SerialRepresentation object without loosing information.

Preferably, each first node is assigned a unique identifier or node ID. A field indicates the size of the node's memory or cache size (in bytes). This information is used by the first node software program...

...exchanges. All of this information is encoded in the various fields of the SerialRepresentation class.

SECOND NODES

Second nodes are wearable, portable computers, such as personal digital assistants and carried or worn by users. The processor in the PDA or wearable computer is loaded with software

which enables creating, storing and exchange of messages with first nodes and with other second nodes, or a hive if one is present in the network. Stored within the PDA memory is data which identifies the second node and its particular properties. Preferably, each second node is assigned a unique user...
...size is also limited in PDAs, a field is provided to show cache size (in bytes).

HIVE

To add increased flexibility and administration, a decentralized network system will include at least one hive. The hive consists of a shared dataspace and a set of processes. The shared dataspace saves the current...use of the available bandwidth. Messages addressed to a specific device are treated as a higher priority when deciding which messages to transfer to a PDA. Since the number of possible delivery routes may be restricted, it is important to ensure that the message will be carried by those PDAs most likely to come...

14/3,K/136 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01164346

PROCEDURE AND SYSTEM FOR IDENTIFYING AND BILLING A SUBSCRIBER ASSOCIATED WITH A SERVICE IN A TELECOMMUNICATION SYSTEM
VERFAHREN UND SYSTEM ZUR IDENTIFIZIERUNG UND ANGEBOHRUNG EINES MIT EINEM DIENST VERKNUPFTEN TEILNEHMERS IN EINEN KOMMUNIKATIONSSYSTEM
PROCEDURE D'IDENTIFICATION D'ABONNE ET DE FACTURATION D'UN SERVICE DANS UN SYSTEME DE TELECOMMUNICATIONS ET DISPOSITIF CORRESPONDANT
PATENT ASSIGNEE:

TeliaSonera Finland Oyj, (2871984), Teollisuuskatu 15, 00510 Helsinki, (FI), (Proprietor designated states: all)

INVENTOR:

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PATENT (CC, No, Kind, Date): EP 1127426 A1 010829 (Basic)
EP 1127426 B1 060322
WO 2000025477 000504

APPLICATION (CC, No, Date): EP 99954034 991027; WO 99FI902 991027

PRIORITY (CC, No, Date): FI 982336 981027

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04L-012/22; H04M-015/00; G06F-017/60; G07F-007/10

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

H04L-0029/06 A I F B 20060101 20060127 H EP

NOTE:

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LANGUAGE (Publication, Procedural, Application): English; English; Finnish
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200612	978
CLAIMS B	(German)	200612	928
CLAIMS B	(French)	200612	1049
SPEC B	(English)	200612	2710
Total word count - document A			0
Total word count - document B			5665
Total word count - documents A + B			5665

...SPECIFICATION course of the browsing session involving the downloading of chargeable contents from the WWW-site. A further disadvantage lies also in that separate voice processing servers and access servers are required to collect the information transmitted using call signaling, DTMF-digits or via modem signals and to transmit that information to...

...A specific object of the invention is to disclose a new type of procedure and system for providing services requiring reliable user identification for mobile telephone subscribers, preferably GSM subscribers (GSM, Global System for Mobile communications) over the Internet. Further, the invention allows the billing for a service to be integrated with an existing mobile telephone billing system. This obviates the need for implementing separate user identification and billing system. The invention also allows the user to download chargeable contents without being required to place calls to specific service numbers. The downloading of contents is made independent of circuit switched calls. The chargeable contents may be downloaded any time after a unique identifier has been provided via a message to the mobile telephone billing system.

As for the features characteristic of the present invention, reference is made to the claims.

SUBJECT OF THE INVENTION

The procedure of the...

...telecommunication terminal, which is connected to the second telecommunication network. Furthermore, the system of the invention comprises a telecommunication server connected to the second telecommunication network and a billing server connected to both the first and the second telecommunication networks.

In the procedure of the invention, using the second telecommunication terminal, a telecommunication connection is established via the telecommunication server to the second telecommunication network. This means e.g. that a connection is set up via any service provider to the second telecommunication network, e.g. the Internet. The telecommunication server is preferably a WWW server. By means of the second telecommunication terminal, which is e.g. a computer, the user selects a desired service, a possible second party associated with...

...the service is debited directly to the user in his mobile telephone invoice. Netgate transmits the numeric code "4275" (Transaction ID) and the user's mobile telephone number to an image server providing a WWW service. Based on these data, the image server activates the transmission of the card.

In the GSM network...

14/3,K/137 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00944224

Cellular extension service
Zellulare Dienstleistungserweiterung
Extension du service cellulaire
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PATENT (CC, No, Kind, Date): EP 858233 A2 980812 (Basic)
EP 858233 A3 000607

APPLICATION (CC, No, Date): EP 97307603 970926;

PRIORITY (CC, No, Date): US 777366 961227

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04Q-007/22; H04Q-007/38; H04Q-007/32

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Available Text	Language	Update	Word Count
CLAIMS A	(English)	9833	760
SPEC A	(English)	9833	3880
Total word count - document A			4640
Total word count - document B			0
Total word count - documents A + B			4640

...ABSTRACT A2

Multiple cellular telephones, each having a unique ESN, share the same cellular telephone number (MIN). Data records at the mobile switching center (MSC) are modified to reflect the parent and extension cellular telephones configuration. Incoming calls are delivered to...

NOTE:

...SPECIFICATION Summary of the Invention

In accordance with an aspect of this invention, a method of and a system for configuring cellular telephones to share a cellular telephone line number are provided in which one of the cellular telephones is defined as a parent and the other cellular telephones are defined as extensions.

Identification information...

...identification information for the parent cellular telephone is included in data records respectively associated with the extension cellular telephones.

A data record associates the shared cellular telephone line number with the parent and extension cellular telephones.

A call is set up to a cellular telephone line number having a plurality of associated cellular telephones, by using the cellular telephone number to obtain information identifying the plurality of associated cellular telephones, and delivering call setup signals to at least two of the associated cellular telephones. The...

...audible menu signal to the caller, translating a response signal received from the caller to a selected one of the cellular telephones associated with the cellular telephone line number, and delivering a call setup signal to the selected cellular telephone.

A first cellular telephone interrupts a call in progress of a second cellular telephone sharing a cellular telephone line number with the first cellular telephone by having a central facility receive an interrupt request signal from the first cellular telephone, produce an interrupt notice signal, and transmit the interrupt notice signal to the second cellular telephone.

A first cellular telephone places a call to a second cellular telephone sharing a cellular telephone line number with the first cellular telephone by having a central facility receive an intercom extension number associated with the first cellular telephone from the second cellular...

...records for a cellular telephone line and its cellular extension lines;

Fig. 4 is a chart depicting a record of a conventional index showing a cellular telephone line number and its associated cellular telephone;

Fig. 5 is a chart depicting a record of an index showing a cellular telephone line number and its associated cellular telephones according to the present invention; and

Figs. 6A-6D are flowcharts depicting a call setup to a wireless telephone number having multiple wireless telephone sets associated therewith;

Figs. 7A-7D are flowcharts depicting a cellular extension interrupt attempt; and

Fig. 8 is a chart depicting...

...extension numbers maintained at the MMSC.

Detailed Description of the Preferred Embodiments

According to the present inventive technique, multiple cellular telephones, each having a unique identifier, function in a configuration of parent telephone and extension telephones in accordance with data records in a communications system. As used herein and in the ...

...for the cellular telephones associated therewith. Communications interface 104 provides communication signals to base stations 110, 120 for transmission to cellular telephones 112, 114, 122.

Cellular telephones 112, 114, 122 include a memory containing a unique terminal identifier (TID) referred to in the United States as an electronic serial number (ESN). Alternatively, cellular telephones 112, 114, 122 may each be adapted to receive a removable card which electronically provides a unique TID, as defined in, for example, ITU standard E.212.

Fig. 2 shows a conventional data record 200 maintained by MSC 100 for cellular telephone 112, including the following fields: terminal identifier (TID) or ESN 202, base station 204, cellular telephone line number or mobile identification number (MIN) 206, billing information 208, and information for each service for which cellular telephone 112 has subscribed, such as call waiting, call forwarding, caller ID and so on, represented as services 210, 212, 214.

Base station field 204 represents the designator used by MSC 100 to indicate the base station with which cellular telephone 112 is associated, for example, base station 110.

Cellular telephone line field 206 indicates the ten digit directory line number or MIN associated with cellular telephone 112, for example, "(212) 123-4567". In Fig. 2, ESN field 202 is the index (first) field of a record: however, in some embodiments, MIN...

...two cellular telephones may be similarly accommodated.

Data record 320 includes TID field 322 representing the TID for cellular telephone 114. However, instead of a cellular telephone line number, data record 320 includes extension telephone field 326 identifying cellular telephone 114 as a cellular extension telephone, TID field 328 representing the TID of parent...

...114, 122 will now be described.

Fig. 4 shows data record 400 of a conventional index file maintained in MSC 100 of Fig. 1, including: cellular telephone line number (or MIN) field 402 and TID (or ESN) field 404. For cellular telephone 112, the information in fields 402, 404 is identical to the information...cellular telephone 112.

Fig. 5 shows data record 450 of an index file maintained in MMSC to practice the inventive technique, including the following fields: cellular telephone line number 452, parent TID 454 and extension TIDs 456, 458. The information in fields 452, 454 is the same as the information in fields 306, 302...

...The situation of a cellular telephone trying to use a cellular telephone line while a call is in progress with another cellular telephone sharing its cellular telephone line number will now be described. This situation is referred to herein as a cellular extension interrupt attempt.

Fig. 7A shows the beginning of a cellular extension...of EXT1 and EXT2 and the third party having a conference call.

Screened interrupts is a service available to cellular telephones associated with the same cellular telephone line number. Specifically, to configure a first cellular telephone for screened call waiting, the customer indicates which of the other cellular telephone sharing its cellular telephone line number are not permitted to request an interrupt from the first cellular telephone. The customer indicates whether the interrupt screening is to be in effect for ...

...a TID, and as described above, tries to set up a call to the cellular telephone corresponding to the selection.

Additional cellular telephones sharing the cellular telephone line number can be bridged onto the call in similar

fashion.

If one of the cellular telephones participating in the call is configured for conferencing, then third parties, such as wireline telephones, can be bridged onto the call.

If a cellular telephone sharing the **cellular telephone line number** but not participating in the call wishes to use the line, it can initiate a cellular extension interrupt attempt, as described above with respect to...

CLAIMS 1. A method for configuring cellular telephones to share a **cellular telephone line number**, comprising the steps of:

defining one of the cellular telephones as a parent and the other cellular telephones as extensions;
including identification information for the...

...with the extension cellular telephones.

2. A cellular communication system having a parent cellular telephone and at least one extension cellular telephone which share a **cellular telephone line number**, comprising:

a memory for storing identification information for the extension cellular telephones in a data record associated with the parent cellular telephone; and
a memory...

...for the parent cellular telephone in data records respectively associated with the extension cellular telephones.

3. A method for configuring cellular telephones to share a **cellular telephone line number**, comprising the steps of:

defining one of the cellular telephones as a parent and the other cellular telephones as extensions;
storing a data record for one of the parent or extension cellular telephones; and
storing a record associating the shared **cellular telephone line number** with the parent and extension cellular telephones.

4. A cellular communication system having a parent cellular telephone and at least one extension cellular telephone which share a **cellular telephone line number**, comprising:

a memory for storing a data record for one of the parent or extension cellular telephones; and
a memory for storing a record associating the shared **cellular telephone line number** with the parent and extension cellular telephones.

5. A method for setting up a call to a **cellular telephone line number** having a plurality of associated cellular telephones, comprising the steps of:

using the **cellular telephone number** to obtain information identifying the plurality of associated cellular telephones, and
delivering call setup signals to at least two of the associated cellular telephones.

6...

...7. The method of claim 5, wherein the call setup signals are delivered

sequentially.

8. A communication system for setting up a call to a cellular telephone line number having a plurality of associated cellular telephones, comprising:
 - a processor for using the cellular telephone number to obtain information identifying the plurality of associated cellular telephones, and
 - communication facilities for delivering call setup signals to at least two of the associated cellular telephones.
9. A method for setting up a call from a caller to a cellular telephone line number having a plurality of associated cellular telephones, comprising the steps of:
 - delivering an audible menu signal to the caller;
 - receiving a response signal from the caller; and
 - translating the response signal to a selected one of the cellular telephones associated with the cellular telephone line number; and
 - delivering a call setup signal to the selected cellular telephone.
10. A method for a first cellular telephone to interrupt a call in progress of a second cellular telephone, the first and second cellular telephones sharing a cellular telephone line number, comprising the steps of:
 - receiving, at a central facility, an interrupt request signal from the first cellular telephone,
 - producing, at the central facility, an interrupt...

...for allowing a first cellular telephone to interrupt a call in progress of a second cellular telephone, the first and second cellular telephones sharing a cellular telephone line number, comprising:

- a communication interface for receiving, at a central facility, an interrupt request signal from the first cellular telephone and for producing an interrupt notice...

...14. A method for a first cellular telephone to place a call to a second cellular telephone, the first and second cellular telephones sharing a cellular telephone line number, comprising the steps of:

- receiving, at a central facility, an intercom extension number associated with the first cellular telephone from the second cellular telephone, and...

...A communication system for a first cellular telephone to place a call to a second cellular telephone, the first and second cellular telephones sharing a cellular telephone line number, comprising:

- an interface, at a central facility, for receiving an intercom extension number associated with the first cellular telephone from the second cellular telephone, and...

14/3,K/138 (Item 12 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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00841450

Customer activation system for cellular network
Teilnehmeraktivierungssystem für zelluläres Netzwerk
Système d'activation d'abonné pour réseau cellulaire
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PATENT (CC, No, Kind, Date): EP 778716 A2 970611 (Basic)
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EP 778716 B1 030924

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DESIGNATED STATES: DE; GB; NL

RELATED DIVISIONAL NUMBER(S) - PN (AN):
(EP 2003016354)

INTERNATIONAL PATENT CLASS (V7): H04Q-007/38; H04Q-007/22

ABSTRACT WORD COUNT: 104

NOTE:

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LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200339	410
CLAIMS B	(German)	200339	437
CLAIMS B	(French)	200339	451
SPEC B	(English)	200339	3210
Total word count - document A			0
Total word count - document B			4508
Total word count - documents A + B			4508

...ABSTRACT A2

A mobile communication terminal device such as a cellular telephone is provided with a preliminary identifier stored in memory. The identifier allows access to a cellular network for verification and provides essentially unique identification by the network, but is insufficient to allow further use of the network. During verification, the identifier is analyzed by a cellular network processor and a determination is made whether the cellular telephone should have restricted access to the network. Upon favorable completion of the identifier analysis, a signal may be transmitted to the cellular telephone that allows the cellular telephone to have less restricted access to the network.

NOTE:

...SPECIFICATION identification numbers, a base station and a portable unit, wherein a subscriber communicates to the network controller a first information set which comprises subscriber qualifying information, the portable identification number, and a key code that has been entered into the portable unit, and wherein the subscriber has

entered a link identification number for over-the...set, as by a service representative or an automated activation computer. While this technique desirably relieves the sales representative of the task of programming the cellular telephone unit, it does involve the provision of a sufficient number of unblocked voice communication channels to accommodate the expected volume of new subscribers.

Accordingly, there exists a need for a method of programming wireless telephone sets in a manner that quickly, reliably, and cost effectively provides telephone service to new or existing customers.

Summary of the Invention

The foregoing need is met in an illustrative embodiment wherein a process of manufacturing a cellular telephone according to claim 8 comprises the steps of assembling a memory, a processor, a receiver, and a transmitter; and storing in said memory a preliminary identifier and a serial number, said preliminary identifier defining a substantially unique identification and allowing initial access to a cellular network for verification but being insufficient to allow further use of said network, wherein the serial number is permanently associated with the terminal device, and wherein further the preliminary identifier is overwriteable by a replacement identifier allowing less restricted access to the network.

A process of verification of a cellular telephone constructed in accordance with the process of claim 1 comprises the steps of:

- receiving from the terminal device an identifier transmitted, at least in part...

- ...a cellular network, the terminal device having restricted access to the network, wherein the identifier includes first and second numbers, the first number including a serial number that is permanently associated with the terminal device, the second number including a preliminary identifier;

- analyzing the first and second number to determine whether the...

- ...terminal device such, for example, as a cellular telephone, programmed with a preliminary identifier and other information needed to obtain restricted access to a cellular network in accordance with the present invention; and

FIG. 2 is a flow chart depicting a method of evaluating a mobile communication terminal device such as...

...CLAIMS B1

1. A process of verifying a mobile communication terminal device (10), said process comprising:

- receiving from the terminal device (10) an identifier transmitted, at least in part, on a cellular network, the terminal device (10) having restricted access to the network, wherein the identifier includes first and second numbers, the first number including a serial number that is permanently associated with the terminal device, the second number including a preliminary identifier;

- analyzing the first and second numbers to determine whether the terminal device (10) should continue to have restricted access to the network;

and
transmitting, upon favorable completion of said analyzing step, a signal to the terminal device (10) allowing the terminal device (10) to have less restricted access to the network, wherein the signal includes a replacement identifier that is stored on the terminal device (10) replacing the preliminary identifier if the preliminary identifier is already assigned.

2. The process of claim 1, wherein the terminal device (10) is a cellular telephone and each of said first and second numbers are essentially unique to the cellular telephone.
3. The process of claim 2 wherein said second number is in mobile identification number (MIN) format.
4. The process of claim 1, wherein said analyzing step comprises accessing a customer data record associated with the identifier .
5. The process of claim 4, wherein said analyzing step further comprises transmitting signals representative of queries to the terminal device (10), the queries requesting a prospective consumer of cellular network services to provide data for comparison to data stored in said customer data record.
6. The process of claim 1, wherein the signal transmitted during...

...step is indicative of a replacement identifier for storage in a memory of said terminal device (10), said replacement identifier being recognized by the cellular network as entitled to said less restricted access.

7. The process of claim 6, wherein the signal transmitted during said transmitting step is further indicative of...

...said memory (44) a preliminary identifier and a serial number, said preliminary identifier defining a substantially unique identification and allowing initial access to a cellular network for verification but being insufficient to allow further use of said network, wherein the serial number is permanently associated with the terminal device (10), and...

14/3,K/139 (Item 13 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00791599
Vehicular emergency message system
Notrufanlage für Fahrzeug
Système de message d'urgence pour véhicule
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PATENT (CC, No, Kind, Date): EP 737953 A1 961016 (Basic)

EP 737953 B1 000223
 APPLICATION (CC, No, Date): EP 96302367 960403;
 PRIORITY (CC, No, Date): US 419349 950410
 DESIGNATED STATES: DE; FR; GB
 INTERNATIONAL PATENT CLASS (V7): G08G-001/127
 ABSTRACT WORD COUNT: 156
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Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English
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Available Text	Language	Update	Word Count
CLAIMS B	(English)	200008	527
CLAIMS B	(German)	200008	561
CLAIMS B	(French)	200008	613
SPEC B	(English)	200008	4643
Total word count - document A			0
Total word count - document B			6344
Total word count - documents A + B			6344

...SPECIFICATION unable to provide their location accurately in a timely manner. In addition to position information, a service provider benefits from having information on vehicle identification, **cellular phone number** of the telephone in the vehicle, the cellular system identification from which a call originated, and speed and heading of a vehicle.

Automatic position locating...

...from a data transmitting mode if a data call is not completed on the first try, thereby allowing more reliable connection over a cellular telephone **network** and the capability of providing the needed assistance.

Specifically, the present invention provides a vehicular emergency message system in a mobile vehicle for communicating with a response centre. A position locator receives reference broadcast signals and determines a position of the vehicle. A cellular transceiver, such as a **cellular phone**, has an audio input, an audio output, and a control input. A controller is coupled to the position locator and the cellular transceiver for causing...

...a first call to the response centre including the initial transmission of audio signals responsive to a data output of the controller for specifying a **unique identifier code** of the vehicle while the audio output is muted, 3) detecting a failure of the first call in response to tone signals received or not...diagnostics, and other information. Control block 75 utilises data from memory 77 in formatting a data string for transmission. In addition, information such as the **cellular telephone number** of the cellular phone and any identification of the cellular carrier to which the cellular phone is currently connected are obtained from transceiver 22 for...

...88 are transmitted after event block 86 and include additional information such as latitude and longitude position, vehicle heading, vehicle speed, dilution of precision (DOP), **cellular phone number**, cellular system identification, and any diagnostic codes logged into the memory.

The last block to be transmitted is the zero block which marks the end
 ...

...failure at the response centre.

The ASCII blocks contain the remaining information to be transmitted as described above (e.g., latitude, longitude, heading, speed, DOP, **cellular phone number**, and cellular system ID). In addition, the ASCII blocks may transmit information on the revision or version of the vehicle hardware and software installed in...

14/3,K/140 (Item 14 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00768831

PERSONAL COMMUNICATIONS INTERNETWORKING

INTERNETZSYSTEM FUR PERSONLICHE UBERTRAGUNGSDIENSTE

SYSTEME D'INTERCONNECTION DE RESEAUX, POUR USAGE PERSONNEL

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PATENT (CC, No, Kind, Date): EP 782805 A1 970709 (Basic)

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DESIGNATED STATES: DE; FR; GB; NL; SE

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INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

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CLAIMS B (English) 200644 220

CLAIMS B (German) 200644 225

CLAIMS B (French) 200644 252

SPEC B	(English)	200644	20660
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Total word count - document B			21357
Total word count - documents A + B			21357

...SPECIFICATION time options including: call screening by the called party based on information identifying the caller's telephone number; call redirection to a wire-line or ~~wireless telephone number~~ as specified by the called party; call redirection to a third party or to a voice mail system; or the return of a text message...is Generic Data Interface. The GDI is used for subscriber profile management, specifically downloading a subscriber profile from the PCI database 44 to the PCI server 48 and for applying updates to the profile stored in the PCI database 44.

Fig. 7 shows the logical links from the PCI database 44...

...illustrative embodiment, for the CallCommand feature employs the 1129 + protocol. For the wireless messaging feature, PCI uses the GDI protocol. PCI subscriber profile elements are ~~assigned~~ GDI tag IDs. The description of the types and lengths of these elements is as follows: dN BCD-encoded digits. The number N represents the maximum number of... must be managed in segments. The service profile is divided into six segments as shown in Table 1. Each segment is assigned a unique numeric identifier.

Certain data in a subscriber profile provides a subscriber's preferred media for messages delivery and notification. The encoding for these types are given in Table 2. For example, if the subscriber prefers to receive e-mail which passes screening via the ~~PDA~~ 30, then the "primary destination one" profile element will contain a "P".

Fig. 8 illustrates a message flow for profile retrieval using the GDI protocol...

...one GetData data query for each PCI profile segment. Each query will be processed by the PCI database 44 as an independent transaction with a unique TCAP transaction ID. Each GetData query sent by the PCI server 48 will include a "Service Key" parameter which is a ten-digit PCI subscriber number (e.g., a telephone number). This key should be used...

...code and data for each element requested in the GetData data query.

Fig. 9 provides a message flow of a profile update from a wireless ~~PDA~~ 30. This wireless profile update uses the GDI protocol. A subscriber performs a profile manipulation activity, and the ~~PDA~~ 30 sends a profile data message to the PCI server 48. The PCI server 48 sends a GDI SendData query to the PCI database 44 over one of the GDI links (line 264). The PCI server 48 may send one SendData query for each PCI profile segment for which a profile element was updated. Each query will be processed by the PCI database 44 as an independent transaction with a unique TCAP transaction ID.

Each Send Data query sent by the PCI server 48 will include a "Service Key" parameter which is the ten digit PCI subscriber number. This key should be used by the PCI database 44...

...return code for each element requested in the SendData query.

Fig. 10 is an illustrative example of one possible CallCommand message flow between the PCI server 48 and the PCI database 44 (CallCommand

is discussed in more detail in section VI D.) The exact call flow for CallCommand depends upon the...the PDA bound E-mail from the external mail storage system into a pending area in the PCI server; (b) send an acknowledgement to the PDA indicating the number of PDA bound E-mail now residing in the pending area; and (c) initiate delivery of these PDA bound E-mail from the pending area...

...abort the send operation and discard the summary information. In response to the request, the PCI server 48 will (a) send an acknowledgement to the PDA indicating the number of MS-bound E-mail present; (b) extract summary information from those messages; and (c) send the summary to the subscriber's PDA (line 332...

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DIALOG(R)File 348:EUROPEAN PATENTS
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00741338

Connectionless communications system, test method, and intra-station control system
Verbindungsloses Kommunikationssystem, Testmethode und Intra-Station-Steuerungssystem
Systeme de communication sans connection, methode de test et systeme de gestion intra-station

PATENT ASSIGNEE:

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 LEGAL REPRESENTATIVE:
 von Fischern, Bernhard et al (9672), Hoffmann Eitle, Patent- und
 Rechtsanwälte, Arabellastrasse 4, 81925 Munchen, (DE)
 PATENT (CC, No, Kind, Date): EP 700229 A2 960306 (Basic)
 EP 700229 A3 990203
 EP 700229 B1 060628
 APPLICATION (CC, No, Date): EP 95113111 950821;
 PRIORITY (CC, No, Date): JP 94255120 940822
 DESIGNATED STATES: DE; FR; GB
 INTERNATIONAL PATENT CLASS (V7): H04Q-011/04
 INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
 IPC + Level Value Position Status Version Action Source Office:
 H04Q-0011/04 A I F B 20060101 19951218 H EP
 ABSTRACT WORD COUNT: 170
 NOTE:
 Figure number on first page: 42

LANGUAGE (Publication, Procedural, Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	8491
CLAIMS B	(English)	200626	334
CLAIMS B	(German)	200626	320
CLAIMS B	(French)	200626	419
SPEC A	(English)	EPAB96	164543
SPEC B	(English)	200626	13848
Total word count - document A			173063
Total word count - document B			14921
Total word count - documents A + B			187984

...SPECIFICATION Congestion Control in SWMDX
 5.2.3. Cell Discard
 5.3. Traffic Measure Process
 6. Function of Firmware
 6.1. INFA Interface
 6.2. Intra-device hard Interface
 6.3. Fault Correcting Process
 6.3.1. Fault Detection
 6.3.2. Message Box
 6.4. Self-diagnosis
 7. Maintenance
 7.1...L2-PDU Cell and LAP Cell

For the ATM cell to be transferred to the SIFSH common, the DS3-SMDS interface multiplexes the MSCN LAPD cell for the L2-PDU data. As for the multiplexing timing of the MSCN LAPD cell, the MSCN LAPD cells are multiplexed for the L2-PDU...The SIFSH is hereinafter referred to as the SIFSH-A.

The subscriber interface shelf type A (SIFSH-A) can be loaded with up to 8 units per shelf of the individual units containing the ATM subscriber interface circuits.

The following 5 types of the individual units can be accommodated.

(1) OC3C...

14/3,K/142 (Item 16 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00687455

METHOD FOR ESTABLISHING A CONNECTION
VERFAHREN ZUR AUFBAUEN EINER VERBINDUNG
PROCEDE POUR ETABLIR UNE CONNEXION
PATENT ASSIGNEE:

Sonera Oyj, (2871980), Teollisuuskatu 15, 00510 Helsinki, (FI),
(Proprietor designated states: all)

INVENTOR:

LEPPANEN, Osmo, Karjusaarenkatu 58 as. 3, FIN-15240 Lahti, (FI)

LEGAL REPRESENTATIVE:

Simmelvuo, Markku Kalevi et al (82421), Papula Rein Lahtela Oy, P.O. Box
981, 00101 Helsinki, (FI)

PATENT (CC, No, Kind, Date): EP 715792 A1 960612 (Basic)
EP 715792 B1 000503
WO 9506381 950302

APPLICATION (CC, No, Date): EP 94924321 940818; WO 94FI359 940818

PRIORITY (CC, No, Date): FI 933744 930826; FI 942842 940615

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

INTERNATIONAL PATENT CLASS (V7): H04M-003/44; H04Q-007/38; H04Q-007/32;
H04M-001/274

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; Finnish

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200018	723
CLAIMS B	(German)	200018	672
CLAIMS B	(French)	200018	840
SPEC B	(English)	200018	1008
Total word count - document A			0
Total word count - document B			3243
Total word count - documents A + B			3243

...SPECIFICATION numbers, which may be a certain client, home, an institution or similar. To make these calls even more interestingly, the operator can give to the mobile phone subscriber abbreviated numbers, using which often to the same subscriber made repeated calls could be billed differently, for example more profitably than calls, which are made using normal...

...calls can be grouped in billing using starting numbers.

The object of the invention is a method for accomplishing a connection from a mobile communication network A-subscriber connection to a mobile communication network or other telecommunication network B-subscriber connection for making a call with a mobile station, which mobile...

...A-subscribers and a A-subscriber dependent selected short number, which is beforehand stored to a A-subscriber dependent short number table in the mobile phone exchange; that in the mobile phone exchange the dialling of the A-subscriber is analysed, when using A-subscriber recognition, like A-subscriber identity, the A-subscriber's right to short...

...is transformed using A-subscriber dependent short number table to a normal mobile network or other telecommunication network number; and that the connection from the mobile phone exchange to B-subscriber is made using the number which corresponds the above mentioned short number, and this number is a public telecommunication network number.

Subscribers can be for example either NMT (Nordic Mobile Telephone) or GSM (Global System for Mobile Communications) subscribers. Short number tables are formed from the short numbers which are used. Short numbers can be for...
...common for all subscribers attached to the service and 1 ... 9 shows the subscriber's possible short numbers.

In the method mentioned above in the mobile phone exchange a billing record is made, in which for the B-number is registered the short number dialled by the A-subscriber. Connection from the mobile phone exchange to the B-subscriber is marked a transferred call, which prevents further call transfer.

In IN(intelligent network) architecture a mobile services switching centre...

...part SSP, through which connections are routed to telecommunication network subscriber connections and the control part SCP's service applications are reached, when in the mobile phone exchange MSC billing records are formed using as a B-number identifier the short number and the A-subscriber's dialling is analysed and changed...

...a modified dialling, which included a service key, and this modified dialling is signalled together with the A-subscriber's identification information to the intelligent network exchange INC, where on basis of A-subscriber's identification information the A-subscriber's right to the service is checked, when either the connection...

CLAIMS 1. A method in a telecommunication system comprising
a mobile communication system and
a telecommunication network,

which mobile communication system includes
a group of mobile stations,
a mobile communication network comprising
a base station with limited coverage area for connecting the...

...communication network and a A-subscriber dependent selected short number which is beforehand stored to a A-subscriber dependent short number table in the mobile phone exchange,
transmitting the predetermined number and the identity of the A-subscriber from the mobile station of the A-subscriber to the mobile phone exchange,
analyzing the predetermined number in the mobile phone exchange,
recognizing the identity of the A-subscriber,
recognizing A-subscriber's right to a short number service,
transforming the short number to a public telecommunication network number of the mobile communication network or the telecommunication network, and
establishing the connection from the mobile phone exchange to the B-subscriber using the public telecommunication network number which corresponds to the above mentioned short number.

2. A method according to claim 1, characterized in that in the mobile phone exchange a billing record is made, in which for the B-subscriber number is registered the short number dialled by the A-subscriber.
3. A method according to claim 1 and/or claim 2, characterized in that the connection from the mobile phone centre to the B-subscriber is marked a transferred call, which prevents further call transfer.
4. A method according to any claim 1 to 3, characterized in that in the method IN(intelligent network) architecture is used such, that mobile phone centres (MSC) include or are connected to an intelligent network centre (INC), which includes intercommunicating an upper level control part (SCP) and a lower level...

...part (SSP), via which connections are routed to telecommunication network subscriber connections and service applications of the control part (SCP) are reached, wherein at the mobile phone centres (MSC) billing records are formed using as a B-subscriber number identifier the short number and the A-subscriber's dialling is analysed...

...and short number to a modified dialling comprising a service key, which is signalled together with the A-subscriber's identification information to the intelligent network centre (INC), where on basis of the A-subscriber's identification information is checked the A-subscriber's right to the service, whereby either the...

14/3,K/143 (Item 17 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00677381
Telephone call handling system.
Fernsprechanrufverarbeitungssystem.
Systeme de traitement d'appel telephonique.
PATENT ASSIGNEE:

CABLE & WIRELESS PLC, (1852820), 124 Theobalds Road, London WC1X 8RX,
(GB), (applicant designated states:

AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE)

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Anius, Patson Norbert, Sunnyside, Parfitts Hill, Saint George, Bristol,
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PATENT (CC, No, Kind, Date): EP 649265 A1 950419 (Basic)

APPLICATION (CC, No, Date): EP 94307492 941012;

PRIORITY (CC, No, Date): GB 9321478 931018; GB 9408632 940429

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

INTERNATIONAL PATENT CLASS (V7): H04Q-003/00;

ABSTRACT WORD COUNT: 149

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	864
SPEC A	(English)	EPAB95	4861
Total word count - document A			5725
Total word count - document B			0
Total word count - documents A + B			5725

...SPECIFICATION home phone number, business fax number etc). In this case the linking database provides the address of a local directory database containing a number of **cellular phone numbers** (including subscriber B's).

(9) The system accesses the cellular phone directory using subscriber B's personal identification number and obtains the relevant **cellular phone number**.

(10) The system routes the call using the obtained **cellular phone number**.

This system does not provide a service for subscriber definable call routing in the context of the present invention. It also requires a number of...between the PSTN 9 and a single TSP 3a is shown in Figure 2. One of the TSP's functions is to act as a **gateway switch** between the System and the PSTN. The TSP 3a is connected to a local switch (LS) 4g which is provided in the conventional PSTN...

...machines 8a, phones 8b etc. The local switch 4e is connected to a plurality of base stations 5a-c which connect to a number of **mobile telephones** 6a-f. The local switch 4f is connected to three fixed elements, namely a telephone 7a, fax 7b and computer 7c, along with **mobile phones** 7d, 7e.

Another function of the TSP is to determine the incoming call treatment, based on the capability of the preceding node as will be...

...customer is permanently registered with a particular local database (for instance 2a), and is given a subscriber identification number (SID). This comprises part of a **unique personal number** (PN) which is dialled when a caller wishes to reach a particular subscriber. Typically the personal number comprises the SID, preceded by a two or three digit **PN network identifier** (for instance, PSTN trunk code assigned to the system) and a service **identifier**. International originated

calls will still be required to prefix the PN with the registered home country code of the subscriber, e.g. +44 for the UK. The personal number will thereby follow the format shown below: (Formula omitted)

where:

CC is the country code
DE is the network identifier
F is the service identifier
HIJKLM is the SID.

The contents of each subscriber's memory location or fixed record in the central database 1 is set up as shown...

14/3,K/144 (Item 18 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00627533

APPARATUS FOR DETECTING AND PREVENTING SUBSCRIBER NUMBER CLONING IN A CELLULAR MOBILE TELEPHONE SYSTEM
ANORDNUNG ZUR ERKENNUNG UND VERHUTUNG VON TEILNEHMERKENNUNGSNACHAHMUNG IN EINEM ZELLULAREN MOBILEN TELEFONSYSTEM.

APPAREIL DE DETECTION ET DE PREVENTION DU CLONAGE D'UN NUMERO D'ABONNE DANS UN SYSTEME DE TELEPHONE CELLULAIRE MOBILE

PATENT ASSIGNEE:

ELECTRONIC DATA SYSTEMS CORPORATION, (953291), 7540 LBJ Freeway, Suite 300, Dallas, TX 75251, (US), (applicant designated states: BE;DE;DK;ES;FR;GB;IT;NL;SE)

INVENTOR:

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SONBERG, Kenneth, W., 7 Busse Road, Medford, MA 02155, (US)

LEGAL REPRESENTATIVE:

UEXKULL & STOLBERG (100011), Patentanwälte Beselerstrasse 4, 22607 Hamburg, (DE)

PATENT (CC, No, Kind, Date): EP 611513 A1 940824 (Basic)
EP 611513 B1 980923
WO 9309640 930513

APPLICATION (CC, No, Date): EP 92925113 921106; WO 92US9614 921106

PRIORITY (CC, No, Date): US 790643 911108

DESIGNATED STATES: BE; DE; DK; ES; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS (V7): H04Q-007/38;

NOTE:

No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9839	1285
CLAIMS B	(German)	9839	1255
CLAIMS B	(French)	9839	1428
SPEC B	(English)	9839	5729
Total word count - document A			0
Total word count - document B			9697
Total word count - documents A + B			9697

...SPECIFICATION nature of the subscriber station set. One method of fraudulent access is the use of subscriber number cloning to obtain

unauthorized access to the cellular mobile telephone system. Subscriber number cloning is accomplished by an unauthorized user programming a valid subscriber number into the cellular telephone station set in order to deceive the cellular mobile...controller 301 is responsible for receiving messages from other processes within the roamer verification system 101 and forwarding them to the appropriate subscriber status database server. The file access controller 301 is also responsible for returning responses to the process that originated the message. It is obvious that within this system...

...between cell site transmitter 124 and roaming subscriber unit B, data messages are transmitted over data link 1124 from cell site transmitter 124 to Mobile Telephone Switching Office 103. Mobile Telephone Switching Office 103 recognizes the request for a call origination and the fact that roaming subscriber unit B is not one of the subscriber units whose home base is Mobile Telephone Switching Office 103. Due to the fact that information concerning roaming subscriber unit B is not contained within the database internal to Mobile Telephone Switching Office 103, control messages are thereby transmitted by this switching office 103 by data link 105 to roamer verification system 101 to obtain information concerning the authorization of roaming subscriber unit B to originate and receive cellular service. This is accomplished by Mobile Telephone Switching Office 103 transmitting a call detail notification message to the roamer verification system 101. This is received by the XLI gateway system 203 and...

...request, it transmits a message to the database server system 221 which message contains the following information:

1. Mobile identification number (MIN).
2. Electronic Serial Number (ESN).
3. Roam Switch Identifier.
4. Roam Switch System Identifier. This same information is also

transmitted to the call detail server 303 for entry into...

...diagram form the operational steps taken by this roamer verification system 101 to identify a bogus call originated by a subscriber. At step 401, the cellular telephone system 103 detects a call origination for a particular cellular subscriber B. As part of the standard subscriber validation process, at step 402 a determination is made whether there is presently an existing call for this subscriber on the cellular telephone switching network. If there is presently an active call extant on the cellular telephone switching network at step 403, a determination is made whether this new call origination detected at step 401 represents an addition of a third...

...has originated a bogus call.

If, at step 402 it is determined that the existing call is the only one active in the cellular telephone network for the subscriber, processing advances

...CLAIMS unit (B) is assigned; and

means (502, 508) responsive to the receipt of said requested data, for enabling said call origination if said received requested data matches a personal identification number stored in a memory (317) in said apparatus.

8. The apparatus of claim 1 further comprising:
 means (503, 504), responsive to said detected temporal anomaly...said
 one subscriber unit (B) is assigned; and
 enabling, in response to the receipt of said requested data, said call
 origination when said received requested data matches a
 personal identification number stored in a memory (317)
 in said subscriber verification system (101).
 19. The method of claim 9 further comprising the steps of:
 comparing, in response...

14/3,K/145 (Item 19 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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00531516
 Mobile communications system having central radio station for paging mobile
 users via base stations
 Mobiles Kommunikationssystem mit zentraler Funkrufstation zum Anruf von
 mobilen Teilnehmern durch Basisstationen
 Systeme de communications mobile avec un poste de radio central pour faire
 appeler des usagers mobiles par la voie des stations de base

PATENT ASSIGNEE:

NEC CORPORATION, (236690), 7-1, Shiba 5-chome Minato-ku, Tokyo, (JP),
 (applicant designated states: DE;FR;GB;NL;SE)

INVENTOR:

Kage, Kouzou, c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo,
 (JP)

LEGAL REPRESENTATIVE:

VOSSIUS & PARTNER (100311), Postfach 86 07 67, 81634 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 546572 A2 930616 (Basic)
 EP 546572 A3 940518
 EP 546572 B1 990407

APPLICATION (CC, No, Date): EP 92121169 921211;
 PRIORITY (CC, No, Date): JP 91329097 911212; JP 91329098 911212; JP
 91343602 911225; JP 91343603 911225; JP 91343604 911225; JP 91343605
 911225; JP 927636 920120

DESIGNATED STATES: DE; FR; GB; NL; SE

INTERNATIONAL PATENT CLASS (V7): H04Q-007/38; H04Q-007/24;

ABSTRACT WORD COUNT: 157

LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9914	590
CLAIMS B	(German)	9914	491
CLAIMS B	(French)	9914	656
SPEC B	(English)	9914	5693
Total word count - document A			0
Total word count - document B			7430
Total word count - documents A + B			7430

...SPECIFICATION mobile telephone system incorporating a first embodiment
 of the present invention which establishes a connection from an ordinary
 telephone served by the public switched telephone network (PSTN) 1
 and a personal mobile telephone in response to a call originated by the

PSTN telephone. The system includes a plurality of base stations...
 ...8 is provided to define a paging service area 3 covering cellular zones
 5-1(equivalent to)5-4, for example. Each of the cellular telephone
 service zones 5-1(equivalent to)5-5 has a radius of from 100 to several
 hundreds of meters, while the paging service area 3...
 ...the base stations located within the area 3 to process the incoming
 telephone calls. Each base station within the area 3 is identified with a
 unique base station identifier (ID) code.
 As illustrated in Fig. 2, the paging station 8 is provided with a
 controller 20, a radio transceiver 21, a mobile position memory 22...
 ...PSTN user to a mobile (personal handset) user, a source address code
 (the PSTN caller's telephone number) and a destination address code (the
 called mobile telephone number) are transmitted from
 the PSTN to the paging station 8 through line 9. The program execution
 starts with reception of a call-setup signal from...

14/3,K/146 (Item 20 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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00519785
 Cordless telecommunication network with dynamically assigned unique
 timeslots for zone registration polling
 Schnurloses Telekommunikationsnetzwerk mit dynamisch zugewiesen spezifischen
 Zeitschlitzten für Ton-Einbuchungs-Abfrage
 Réseau de telecommunication sans fil avec intervalles de temps spécifiques
 assignés de façon dynamique pour interrogation d'enregistrement de zone
 PATENT ASSIGNEE:
 NEC CORPORATION, (236690), 7-1, Shiba 5-chome Minato-ku, Tokyo, (JP),
 (applicant designated states: DE;FR;GB;NL;SE)
 INVENTOR:
 Nagashima, Noriaki, c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku,
 Tokyo, (JP)
 LEGAL REPRESENTATIVE:
 VOSSIUS & PARTNER (100311), Postfach 86 07 67, 81634 Munchen, (DE)
 PATENT (CC, No, Kind, Date): EP 514878 A2 921125 (Basic)
 EP 514878 A3 931013
 EP 514878 B1 980805
 APPLICATION (CC, No, Date): EP 92108544 920520;
 PRIORITY (CC, No, Date): JP 91115015 910520
 DESIGNATED STATES: DE; FR; GB; NL; SE
 INTERNATIONAL PATENT CLASS (V7): H04Q-007/38;
 ABSTRACT WORD COUNT: 129

LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9832	951
CLAIMS B	(German)	9832	852
CLAIMS B	(French)	9832	1130
SPEC B	(English)	9832	2688
Total word count - document A			0
Total word count - document B			5621

...SPECIFICATION group. Controller 13 is associated with the interfaces of both line and local sides of the system for exchanging call processing signals both with the **network** and base units, and further associated with a memory in which several files are defined, including system data file 14, subscriber data file 15, **network** data file 16, connection data file 17 and zone data file 18. Specifically, as shown in Fig. 3, system data file 14 holds information on...

...that can be accommodated), the total number of service zones 3 (equal to the total number of base units 2), monitored timer count value, and **network** data of the base units. Subscriber data file 15 contains cordless telephone numbers and identifiers of zones in which the cordless units are located. **Network** data file 16 stores exchange-line identifiers and the call status of the exchange lines. Connection data file 17 relates to information including talking cordless telephone numbers, the **identifiers** of the exchange lines, the **identifiers** of the base units, incoming/outgoing call status information and call duration data. Zone data file 18 includes zone **identifiers**, number of channel units and their **identifiers**. A timekeeping circuit 19 is provided for generating time-of-day data to be supplied to controller 13 for purposes of system's traffic and...

...to a channel controller 25. Transceiver 24 is normally tuned to the common control channel to receive call processing signals through interface 23 or from **cordless units** 6 using antenna 28 for setting up a two-way speech channel under control of the channel controller 25. Channel controller 25 cooperates with a...

...use the common channel 22.

Memory 20 is partitioned into several files including polling data file 30, channel group file 31, group priority file 32, **assigned** group **number** file 33 and **network** data file 34. As illustrated in Fig. 5, polling data file 30 includes data entries for storing polling intervals, next polling time and offset count value (To)) which will be described later. Channel group file 31 includes data indicating relationships between channel group numbers and **identifiers** of their corresponding channels. Group priority file 32 indicates group numbers and their priority values which are updated dynamically in a statistical process to be described. **Assigned** group **number** file 33 contains a channel group number which is stored therein as a result of the priority update process. The channel group number stored in file 33 is accessed by the channel controller 25 of each channel unit during call setup procedures to select an idle speech channel. **Network** data file 34 contains a system identifier identifying the cordless switching system to allow it to be distinguished from nearby like systems. This files further...

14/3,K/147 (Item 21 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00485062

Vehicle locating and communicating method and apparatus
Verfahren und Vorrichtung zum Kommunizieren und Orten von einem Fahrzeug

Procédé et dispositif de communication et de localisation de véhicule
PATENT ASSIGNEE:

HIGHWAYMASTER COMMUNICATIONS, INC., (1786121), 16479 Dallas Parkway,
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all)

INVENTOR:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 501058 A2 920902 (Basic)
EP 501058 A3 930324
EP 501058 B1 000503

APPLICATION (CC, No, Date): EP 91305767 910626;

PRIORITY (CC, No, Date): US 642436 910117

DESIGNATED STATES: AT; BE; DE; FR; GB; NL; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 744727 (EP 96113063)

INTERNATIONAL PATENT CLASS (V7): G08G-001/127

ABSTRACT WORD COUNT: 111

NOTE:

Figure number on first page: 1

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200018	1379
CLAIMS B	(German)	200018	1347
CLAIMS B	(French)	200018	1573
SPEC B	(English)	200018	5198
Total word count - document A			0
Total word count - document B			9497
Total word count - documents A + B			9497

...SPECIFICATION in various geographical areas, and more particularly, to a method and apparatus for locating and communicating with vehicles through use of a voice activated mobile cellular telephone installed in the vehicle, and visually displaying at the central location the geographical location of each vehicle and vehicle information automatically communicated to the central location.

EP-A-0290725 discloses a method for determining the approximate position of a mobile radio station within a particular cellular radio-telephone network having mobile radio stations and having one fixed station per radio cell, wherein the individual fixed station numbers are reported by means of data telegrams to the mobile radio stations operating in the radio region of the fixed stations and the fixed station...

...and used as location information.

DE-A-3516357, upon which the precharacterising portions of appended claims 1 and 16 are based, discloses a radio telephone network in which mobile radio stations receive identifiers from individual fixed-site radio stations to identify particular fixed-site radio stations. By means of memories in the mobile radio stations, they then determine the particular location from the received identifier and this site is displayed visually and/or acoustically. However, this system

only works within a particular cellular telephone system.

BACKGROUND OF THE INVENTION

Historically, in industries utilizing multiple vehicles traveling in various geographical regions, such as in the long haul trucking industry, drivers...the expiration of a predetermined time period remotely programmed by the host controller and stored in the RAM 44.

To inhibit calls made from the mobile unit to numbers unauthorized by the home office, the microprocessor 40 has a restricted phone usage function 53 that searches a list of authorized phone numbers remotely programmed...

14/3,K/149 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00865401 **Image available**

A TRADING AND AUCTION SYSTEM, AND METHODS FOR THE AUTHENTICATION OF BUYERS AND SELLERS AND FOR THE TRANSMISSION OF TRADING INSTRUCTIONS IN A TRADING AND AUCTION SYSTEM

SYSTEME DE COMMERCE ET DE VENTE AUX ENCHERES, ET PROCEDE D'AUTHENTIFICATION D'ACHETEURS ET DE VENDEURS ET DE TRANSMISSION D'INSTRUCTIONS COMMERCIALES DANS UN SYSTEME DE COMMERCE ET DE VENTE AUX ENCHERES

Patent Applicant/Assignee:

CHIKKA COM PTE LTD, (RCB No.: 200003111E), (formerly known as Hedley Pte Ltd), 101 Thomson Road #09-01, United Square, Singapore 307591, SG, SG (Residence), SG (Nationality), (For all designated states except: US)

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(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

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Detailed Description
Claims

Detailed Description

... short rmessages to be exchanged between its subscribers. A user typically types a short text message into their GSM mobile phone, and then enters the **mobile phone number** of the intended recipient of the message as that recipient's address. Once sent, the message is processed by the GSM network's Short Message...

...other popular short message protocols, e.g., SMIPP or Simple Message Paging Protocol.

In one form, the invention takes advantage of the notion that a **mobile phone number** is likely unique to a particular user, and hence can be used as a more reliable means of authenticating buyers or sellers than an email address, for instance. A user is likely to have a single **mobile phone number**, whereas users with multiple email addresses are commonplace. A trader who has registered his **mobile phone number** is less likely to renege on a deal, since he can be easily tracked down and barred from engaging in future auction activities. Once barred, a trader will have to access another **mobile phone number** to re-register and continue using the auction system. This is more effective than using simply an email address, since email addresses are somewhat anonymous...

...set up as compared to mobile phones. Before a buyer or seller can use the auction system, they will need to register with the auction server. In the present embodiment of the invention, providing a mobile phone number is a compulsory part of the registration process, since the user's password...performed over a computer network, and said step of receiving a confirmation of said password from said prospective buyer or seller is performed using said **wireless device's** messaging capability.

In an alternative arrangement, said step of communicating said password to said prospective buyer or seller is performed using said **wireless device's** messaging capability, and said step of receiving a confirmation of said password from said prospective buyer or seller is performed over a computer network. Preferably, said **wireless device** is a GSM device with SIVIS capability, said **wireless device** being serviced by a GSM network including a SIVISC server to control and manage SIVIS to and from said **wireless device**, wherein said trading and auction system is in direct communication with said SIVISC server.

Preferably, said step of sending messages to a buyer's **wireless device** includes

the step concatenating an access identification number with the unique identification number of the product or service and placing said concatenated number in the 'Sender' field of each message, said SIVISC server using the access identification number to identify SIVIS from **wireless devices** destined for said trading and auction system and to forward such SIVIS directly to the trading and auction system,

Preferably, said trading and auction system...

...auction system before being able to place trading instructions, including requiring that said prospective buyer or seller provide a unique identifier of a messaging-capable wireless device belonging to the prospective buyer or seller;
Assigning a password to said prospective buyer or seller;
Communicating said password to said prospective buyer or seller...

...s messaging capability.

In one arrangement, said step of communicating said password to said 1 5 prospective buyer or seller is performed over a computer network, and said step of receiving a confirmation of said password from said prospective buyer or seller is performed using said w(inverted exclamation mark)reless...from that buyer's wireless device via said message receiving means, and to determine the product or service by extracting and recognizing the unique identification number of the product or service from a 'Recipient' field of received messages, identify the buyer by extracting and recognizing a unique identifier of the wireless...

...product or service by an exchange of messages with the trading and auction system, wherein one of said messages is communicated to said buyer's wireless device via said message dispatching - 15 means and/or another of said messages is received from said buyer's wireless device via said message receiving means.

Preferably, said wireless device is a GSM device with SMS capability, said wireless device being serviced by a GSM network including a SMSC server to control and manage SIVIS to and from said wireless device, said message dispatching means and message receiving means being in direct communication with said SMSC server to send and receive SMS therefrom, respectively.

Preferably, said message dispatching means is arranged to concatenate an access identification number with the unique identification number of the product lo or service and place said concatenated number in the 'Sender' field of each message sent to a buyer concerning that product or service, said SMSC server using the access identification number to identify SIVIS from the buyer's wireless device destined for said trading and auction system and to forward such SIVIS directly to the message receiving means.

1 5 Preferably, said message dispatching means and message receiving means are connected to said SIVISC server via a computer network.

BRIEF DESCRIPTION OF THE DRAWINGS

The invention will be better understood in the light of the following description of one specific mode thereof. The description...5 comprises the user's name, address, a unique identification number of a messaging-capable wireless device owned by the user such as a GSM

mobile
phone number, e-mail address, and nickname. The optional data
in the
embodiment comprises the user's date of birth, for instance.

The registration handler assigns the...

...registration handler. As shown, the registration process initially
involves the registration handler obtaining the temporary password
assigned to the user and the user's GSM mobile phone
number from the database 12.

The registration handler then instructs the message dispatcher to send an
SIVIS message to the user's mobile telephone 22. The user's GSM
mobile telephone number is used as the "recipient"
field in the SIVIS message. The message text of - 18 the SIVIS message
contains the temporary password assigned to the...exclamation mark)t
should be appreciated that in other embodiments alternative registration
procedures may be adopted that would still require the user to specify
their mobile phone number in order to activate their
account.

For example, upon submitting the registration data, the user could be
taken. to a 10 web page that...

...auction server 10.

The user's id and password can then be verified, since the message text
contains the password and the user's mobile telephone
number will be present in the "sender" field of the SIVIS message.

In an enhancement to the registration process, the auction server 10
dispatches a...dispatcher to send an SIVIS message to the user's GSM
mobile
- 23 phone 22. The auction and message trade handler retrieves the user's
mobile phone number from the database 12 and forwards
this to the message dispatcher to be included as the "recipient field of
the SIVIS message.

The auction and...

...10.

Upon receiving the SIVIS message, the message receiver extracts the
product UIN from the "recipient field of the SIVIS message, the user's
mobile phone number from the "sender field of the SIVIS
message, and the text message of the SIVIS message and forwards these to
the trade and auction handler...

...auction handler is able to identify the product from the product UIN.

Further, the trade and auction handler can identify the user from their
GSM mobile telephone number. In the event that a higher
bid has already been received from another user, or the user's bidding
instructions were indecipherable, the auction and...

Claim

... register with the trading and auction system before being able to place trading instructions, including requiring that said prospective buyer or seller provide a unique identifier of a messaging-capable wireless device belonging to the prospective buyer or seller;
Assigning a password to said prospective buyer or seller;
0 Communicating said...

...over a computer network, and said step of receiving a confirmation of said password from said prospective buyer or seller is performed using said wireless device's messaging capability.

4 A method as claimed in claim 1 or 2, wherein said step of communicating said password to said prospective buyer or -seller is performed using said wireless device's messaging capability, and said step of receiving a confirmation of said password from said prospective buyer or seller is performed over a computer network.

5 A method as claimed in any one of the preceding claims, wherein said wireless device is a GSM device with SIVIS capability, said wireless device being serviced by a GSM network including a SIVISC server to control and manage SIVIS to and from said wireless device, wherein said trading and auction system is in direct communication with said SIVISC server,

6 A method as claimed in any one of the preceding claims, wherein said step of sending messages to a buyer's wireless device includes the step concatenating an access identification number with the unique identification number of the product or service and placing said concatenated number in the 'Sender' field of each message, said SIVISC server using the access identification number to identify SIVIS from wireless devices destined for said trading and auction system and to forward such SIVIS directly to the trading and auction system. - 27

7 A method as claimed...

...auction system before being able to place trading instructions, including requiring that said prospective buyer or seller provide a unique identifier of a messaging-capable wireless device belonging to the prospective buyer or seller;
1 0 Assigning a password to said prospective buyer or seller;
Communicating said password to said prospective buyer...

...as claimed in claim 8 or 9, wherein said step of communicating said password to said prospective buyer or seller is performed over a computer network, and said step of receiving a confirmation of said password from said prospective buyer or seller is performed using said wireless device's messaging capability...from that buyer's wireless device via said message receiving means, and

to determine the product or service by extracting and recognizing the unique identification number of the product or service from a Recipient field of received messages, identify the buyer by extracting and recognizing a unique identifier of the wireless messages is communicated to said buyer's wireless device via said message dispatching means and/or another of said messages is received from said buyer's wireless device via said message receiving means.
32.A trading and auction system as claimed claims 30 or 31, wherein said wireless device is a GSM device with SIVIS capability, said wireless device being serviced by a GSM network including a SIVISC server to control and manage SIVIS to and from said wireless device, said message dispatching means and message receiving means being in direct communication with said SIVISC server to send and receive SIVIS therefrom, respectively. 30 33...

...claimed in any one of claims 30 to 32, wherein said message dispatching means is arranged to concatenate an - 35 access identification number with the unique identification number of the product or service and place said concatenated number in the 'Sender' field of each message sent to a buyer concerning that product or service, said SIVISC server using the access identification number to identify SIVIS from the buyer's wireless device destined for said trading and auction system and to forward such SIVIS directly to the message receiving means. 34.A trading and auction system...

...any one of claims 30 to 33, wherein said message dispatching means and message receiving means are connected to said SIVISC server via a computer network.
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00852836 **Image available**
METHOD AND SYSTEM FOR INVITING AND CREATING ACCOUNTS FOR PROSPECTIVE USERS OF AN INSTANT MESSAGING SYSTEM
PROCEDE ET SYSTEME D'INVITATION A LA CREATION ET DE CREATION DE COMPTES, DESTINES AUX EVENUELS UTILISATEURS D'UN SYSTEME DE MESSAGERIE INSTANTANEE

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Detailed Description

Detailed Description

... 1 0 messages at a particular moment.

A limitation with current IM systems is that some are not designed to interconnect with particular types of client applications or different I M systems, or at least make it difficult to do so. For example, other client applications may include email-based l...

...mobile number of the intended receiver. Under the SIVIS protocol, the textual message from the sender is initially sent to the SIVISC server using the cellular telephone network. The SIVISC then stores the message and allocates it to the intended recipient for downloading, in accordance with normal GSM protocol, when the recipient...For example, Nokia TM use Computer Interface Message Distribution protocol version Two (CIMID2).

In order for most internet-based IM systems to work, a unique identifier needs to be assigned to each user and an active account set up for the user on the N server system under that identifier to enable the IM system to track and provide the requisite functionality of the N facility to the user. Some N systems allocate a Unique Identification Number ("UIN") and others a code to the user to act as the 1 0 unique identifier of that user within the IM system. The UIN or code may have a proxy name associated with it, to make it more recognisable or...

...that permit connectivity with two or more different types 1 5 of client application, either separate accounts under different identifiers are created for each 'different client type, or one client type is treated as the primary N client and other client types are treated as termina(inverted exclamation mark) appliances to be merely notified of the sending of an N to the corresponding primary IM client of the sender.

The reason for this is that the N systems that were initially developed, such as ICQTM, were strongly oriented so that most of the intelligence in

providing the functionality of the N system resided in the PC client application program.

Consequently, other client types were considered to be quite disparate to the main client application and if two-way connectivity was provided, (inverted exclamation mark)e the ability to send a reply in response to a received message, this...specific mode thereof. The description is made with reference to the accompanying drawings, wherein.

Figure 1 is a schematic diagram showing generally how a GSM client can register with an N system;

Figure 2 is a schematic diagram showing generally how an email-based client can register with an I M...

...This is essentially made possible by the W system having basic enabling functions residing within the IM server and by using a unique identifier in the form of a single Unique Identification Number ("UIN") for a user, regardless of the appliance or client type used by that user for accessing the (inverted exclamation mark)M server.

Registering an...

...behalf of the prospective user, Registration can be accomplished quite satisfactorily with prospective users running a PC-based IM client application or an internet browser client application.

However such users have already undergone the inconvenience of accessing and downloading or browsing the particular client application, where the registration process can be tailored to suit the N system provider quite easily. However, users using open client applications such as GSM mobile phones or email, cannot be handled in the same manner.

In order to achieve registration in accordance with the present mode, the N server essentially comprises a registration handling means (registration handler), a unique identifier assigning means (UIN assigner), an account processing means (account processor), database means (user database...

...message dispatcher). These are embodied in the form of program routines that are continuously executed under the control of an operating system in the N server and thus automate the registration process, 0 The registration handler is invoked in response to the N server receiving a client specific access address of a prospective user on the computer network, (inverted exclamation mark)e the internet, to which it may be connected to the server, together with a request to register or tentatively register the prospective user.

5 The difference between registration and tentative registration arises from whether the prospective user directly accesses the N server in order to explicitly register an account (registration), or whether the

prospective user is invited to register by an existing user, or the operator of...the information to automatically register an account for the GSM client on 0 the user database 31 of the server. In this instance, the GSM mobile phone number becomes the basis for generating the UIN. To be more precise, the GSM mobile phone number, excluding the "+" sign (as is customary for GSM numbers) is the UIN, as generated by the UIN assigner. Hence the UIN format is (Country Code)+(Area Code or GSM carrier access code)+(Mobile phone number).

The actual SIVIS message 25 may contain additional information that can be used by the I M server 19, for instance, a preferred "buddy" name...

...handler.

It is important to note that at this stage, the N server 19 has actually identified the user by virtue of their actual GSM mobile phone number, and assigned a valid UIN to the user. Thus, for al(inverted exclamation mark) intents and purposes of the IM system, the prospective user is...

...essential information.

the numeric address of the N server as defined within the GSM carrier network, eg Access Code XXX+001 , and Dennis's GSM mobile phone number, eg +639175336647.

Step 2: Dennis replies: Tool D" and sends the SIVIS to XXX001. The GSM carrier's SIVISC receives the SIVIS and notes its...exchange of messages between these two client types. As previously described, GSM clients primarily send instant messages by directing them to numeric addresses or GSM mobile phone numbers, not alphanumeric names. In the light of this, (inverted exclamation mark)t is necessary for GSM cUents to embed the email address of the target...N server acting as an intermediary to accommodate the fact that GSM clients primarily send an SIVIS instant message to a numeric address or GSM mobile phone number, while email-based users send their messages by email. Communication of the instant messages is controlled by the IM server and then achieved using normal...

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00842415 **Image available**
E-MAIL SYSTEM ISSUING ACCOUNTS DYNAMICALLY AND E-MAIL SENDING/RECEIVING METHOD
SYSTEME DE COURRIER ELECTRONIQUE EMTTANT DES COMPTES DE FACON DYNAMIQUE ET PROCEDE D'ENVOI/RECEPTION DE COURRIER ELECTRONIQUE
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LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
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Detailed Description

Claims

English Abstract

...sender can send an e-mail to a recipient if he/she knows only one of
the recipient identification means such as the recipient's **mobile**
telephone number, wire telephone number and instant message
identifier although the sender does not know the recipient's e-mail
address.

Detailed Description

... going through the registration
procedure is provided.

Meanwhile, mobile telephones have been spread as much widely as
the Internet. A larger number of persons have **mobile** telephones at
present, and there are the prospects that most adults will have mobile
telephones in
the near future taking into account the development of...

...mail account

having a certain mobile telephone number as a user identifier is issued
to the
corresponding telephone number. With such an arrangement, all available
mobile telephone numbers are issued with e-mail accounts. In
other words, according to the conventional e-mail system, e-mail accounts
are generated regardless of users' registration/non-registration so that
anyone can send an
e-mail to the owner of a **mobile telephone** number which is
known. Anyone
who is assigned a **mobile telephone** number can conveniently
use e-mail
even if he/she is not registered in a mail server in the conventional
e-mail system generating e-mail accounts using users' **mobile**

telephone numbers.

In the conventional e-mail system described above, the owner of a telephone number can be informed of the reception of an e-mail for the corresponding telephone number. Accordingly, anyone having a mobile telephone can be informed that e-mail is sent to him/her by someone and check the e-mail even if he/she did not register an account.

The conventional e-mail system generates an arbitrary password for a mobile telephone user and informs the user of the password through the user's mobile telephone to prevent unauthorized persons from viewing the content of an e-mail message without permission when the e-mail for the user is arrived. Accordingly...

...sent to him/her at an issued e-mail account using the password.

However, in the conventional e-mail system, e-mail accounts for all mobile telephone users are prepared in advance, so e-mail accounts are assigned to even mobile telephone users who do not use this e-mail system.

Accordingly...

...of an e-mail is allowed to easily know the e-mail address of a recipient by using a recipient identification means such as a mobile telephone number, wire telephone number or an instant message identifier uniquely assigned to an e-mail recipient as the user identifier of the recipient's e-mail...registers in the e-mail system 200, but is determined by a sender selecting one of the recipient identification means such as the recipient's mobile telephone number, wire telephone number and instant message identifier.

For the clarity of description, it is assumed that the domain name of the e-mail system 200 is "mobilemail.com", and a user's mobile telephone number is used as the user identifier of the user's e-mail address.

For example, when the mobile telephone number of a certain recipient is 011 4567, the recipient's e-mail address will be "011 1234567@mobilemail.com". A dash "-" may be included...

...unit checks an e-mail received from the Internet 500 whether a user identifier included in a recipient's e-mail address is a usable mobile telephone number. When it is determined that the user identifier is an unusable mobile telephone number, the e-mail sending/receiving unit 222 sends a message

informing a sender that the recipient is unknown.

The e-mail analyzing unit 223 classifies...

...e-mail address

analyzed by the e-mail analyzing unit 223 and determines whether the service can be performed. When it is determined that a **mobile telephone number** corresponding to the user identifier of the e-mail address is usable for the e-mail reception informer 240 in the e-mail system 200 to contact a recipient, the e-mail address identification unit 224 dynamically generates a recipient's accounts corresponding to the **mobile telephone number**. Here, dynamically generating a recipient's account is issuing a recipient's account 30 corresponding to the recipient's **mobile telephone number** when an e-mail for the recipient is received, instead of setting recipients' accounts for all usable **mobile telephone numbers** in advance. The e-mail address identification unit 224 preferably recognizes a **mobile telephone number** without including a dash "-" even if a dash "-" is included in the expression of the **mobile telephone number**.

When a country code is included in a **mobile telephone number**

corresponding to the user identifier of an e-mail address, and when the e-mail system cannot contact a recipient in the corresponding country or ...

...the recipient's

e-mail address read by the e-mail address identification unit 224. Here, the country code is removed from the recipient's **mobile telephone number** included in the recipient's address of the e-mail to be forwarded, and the domain name of the e-mail address is changed into...

...240 informs a recipient of an e-mail the

reception of the e-mail through the wire/mobile telephone network 600 using the recipient's **mobile telephone number** included in the recipient's e-mail address. For this, the e-mail reception informer 240 may include a usual wire telephone interface or a the authentication of a recipient afterwards and transmits the password to the mobile telephone 300 corresponding to the **mobile telephone number** together with a short message informing the reception of e-mail.

In an embodiment in which a user identifier included in a recipient's e...

...unit 250 stores the received e-mail under the dynamically generated account of the recipient.

The e-mail inquiring unit 260 receives a recipient's mobile telephone number and a password from the recipient's terminal (not shown). When the received password is the same as the password generated by the e-mail ...

...unit 222 to send the e-mail. Here, dynamically generating a sender's account indicates issuing a sender's account corresponding to the sender's mobile telephone number when the sender composes e-mail for the recipient, instead of setting senders' accounts for all usable mobile telephone numbers in advance.

The login processor 272 generates a password and transmits the password to the user using the mobile telephone number of the user connected through the Internet 500. It is preferable to authenticate that the user is an authentic owner of the mobile telephone number by letting the user enter the mobile telephone number and the password transmitted to the user.

The web server 270 preferably provides a web service for receiving a recipient's mobile telephone number and a password from a recipient's terminal unprovided with an e-mail client program corresponding to the e-mail inquiring unit 260 over a...

...mail sending/receiving unit 222 determines whether a user identifier included in the recipient e-mail address of the received e-mail is a usable mobile telephone number, in step S110.

When it is determined that the user identifier is not a usable telephone number, for example, when a character is...

...is unknown to the sender of the e-mail and stands by ready to receive another e-mail.

When the user identifier is a usable mobile telephone number, the e-mail analyzing unit 223 analyzes the received e-mail by items such as a recipient e-mail address, a recipient, a sender, a...

...is a destination in step S140. Here, the e-mail address identification unit 224 preferably removes a dash `2 when it is included in the mobile telephone number when recognizing the mobile telephone number.

When it is determined that the e-mail system 200 is the destination of

the received e-mail, that is, the mobile telephone number which is the user identifier of the e-mail address is a number through which the e-mail reception informer 240 can make communication, the e-mail address identification unit 224 dynamically generate an account for the recipient corresponding to the mobile telephone number, in step S150. Since it may be the waste of resources to previously generate e-mail accounts corresponding to mobile telephone numbers for everybody having the mobile telephone numbers, in this invention a recipient's account corresponding to a recipient's mobile telephone number is issued only when the e-mail system 200 receives an e-mail, and can inform the recipient of the reception of the 30 e-mail system according to the present invention, which can easily contact the recipient, in step S220. Here, for the recipient's mobile telephone number included in the recipient e-mail address of the forwarded e-mail, only a portion necessary for the e-mail system to receive the forwarded...

...mail.

Thereafter, in step S160, the e-mail reception informer 240 informs the recipient of the reception of the e-mail using the recipient's mobile telephone number included in the recipient e-mail address. Here, it is necessary to assign a password to the generated recipient's account to prevent persons other...

...be as follows. "You've got an e-mail. You can check the e-mail at www.mobilemail.com. The e-mail account is your mobile telephone number, and the password is 3209." When the e-mail reception informer 240 normally informs the recipient of the reception of the e-mail in step...

...s terminal, the recipient informed of the reception of a new e-mail can access the e-mail inquiring unit 260, enter the recipient's mobile telephone number and the password, and inquire for the e-mail stored under the recipient's account in the e-mail storage unit 250, in step S190. Meanwhile, when an e-mail client program has not been installed in the recipient's terminal, the recipient can enter his/her mobile telephone number and the assigned password through the web server 270 and inquire for the e-mail stored under the recipient's account in the e-mail...

...the Internet 500. Then, the login processor 272 of the web server 270 sends a login screen to the user terminal 100 and receives a mobile telephone number from the user, in step S300.

In steps S310 and S320, the login processor 272 generates and sends a password to the user using the mobile telephone number of the user accessing the web server 270 through the Internet 500. Then, in step S330,

the login processor 272 receives the user's mobile telephone number and the password from the user. In step S340, it can be authenticated that the user is the authentic owner of the mobile telephone number by determining whether the password received from the user is the same as that generated in step S310. Such steps are illustrated in FIG. 6...

...system 200 in step a1, the e-mail system 200 sends a login screen to the user terminal 100 in step a2 and receives a mobile telephone number entered by the user from the user terminal 100 in step a3. The e-mail system 200 sends a screen informing a password corresponding to the input mobile telephone number to the user terminal 100 in step a4, transmits the password to user's mobile telephone 300 in step a5. The user terminal 100 inputs...

...the password to the e-mail system 200 in step a6.

When it is authenticated that the user is the authentic owner of the received mobile telephone number, the e-mail composer 274 dynamically generates a sender's account for the user in step S350 and provides an environment allowing the user to...

...sender's account dynamically generated during an e-mail sending procedure when a predetermined time has lapsed since it was issued.

The embodiments using a mobile telephone number as the user identifier of an e-mail address have been described, but the present invention is not restricted thereto. In other words, the present... embodiment using an instant message identifier in the e-mail system 200 according to the present invention is the same as the embodiment using a mobile telephone number described above, with the exception that the reception of an e-mail and a password are informed using an instant message instead of using a...

...embodiment using a wire telephone number in the e-mail system 200 according to the present invention is the same as the embodiment using a mobile telephone number described above, with the exception that the wire telephone number is dialed, and the reception of an e-mail and a password are informed using...

...send an e-mail to a recipient if he/she knows only one of the means for identifying the recipient, such as the recipient's mobile telephone number, wire telephone number and instant message identifier, although the sender does not know the

recipient's e-mail address.

In addition@ the present invention automatically issues an e-mail account to one of the means for identifying the recipient, such as the recipient's mobile telephone number, wire telephone number and instant message identifier, so that a user can use an e-mail even if he/she does not register an e...

Claim

... system of claim 4, wherein the login processor generates a password, transmits the password to the user connected through the Internet using the user's mobile telephone number, and authenticates that the user is an authentic owner of the mobile telephone number by letting the user enter the mobile telephone number and the password.

6 The e-mail system of claim 1, wherein the recipient's identification means is a mobile telephone number, and the e-mail reception informer generates a password and transmits a short message for informing that the e-mail is received and the generated password to the recipient through a mobile communication network using the mobile telephone number.

7 The e-mail system of claim 1, the recipient's identification means is the recipient's wire telephone number, and the e-mail reception ...

...that the service is impossible in the step (a3).

12 The e-mail receiving method of claim 9, wherein the recipient's identification means is a mobile telephone number and the step (b) comprises generating a password and transmitting a short message for informing that the e-mail is received and the generated password to the recipient through a mobile communication network using the mobile telephone number.

13 The e-mail receiving method of claim 9, wherein the recipient's identification means is the recipient's wire telephone number and the ...

14/3,K/152 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00807800 **Image available**
SYSTEM AND METHOD FOR PERFORMING AN ELECTRONIC TRANSACTION USING A TRANSACTION PROXY WITH AN ELECTRONIC WALLET

SYSTEME ET PROCEDE SERVANT A EXECUTER UNE TRANSACTION ELECTRONIQUE AU MOYEN
D'UN MANDATAIRE DE TRANSACTION POSSEDANT UN PORTEFEUILLE ELECTRONIQUE
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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US32405 20001129 (PCT/WO US0032405)
Priority Application: US 99168031 19991130; US 2000205318 20000518

Designated States:

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12006

Fulltext Availability:

Detailed Description

Detailed Description

... is assigned a unique user name (or identification number) and password
for their electronic wallet. In the embodiment shown, the user name
assigned
comprises the ~~mobile telephone number~~ of the
subscriber. The password is
assigned at random, and may be changed by the subscriber. In an
embodiment, the subscribers of the gateway 12...is also in communication
with the merchant 20. In the embodiment shown in FIG. 2, the issuer 18 is
in communication with the transaction portal ~~server~~ via the
Internet, 5 and is in communication with the merchant 20 via settlement
~~network~~ (not shown).

FIG. 3 shows a flow diagram of steps for performing an electronic
transaction according to an embodiment of the present invention, as
carried...

...34, Internet 36, and advertising 38 (e.g., print advertising, television
advertising, and radio advertising). Other marketing channel examples
include web pages displayed on a ~~mobile telephone~~, billboard

advertisements, telephone marketing systems (e.g., telemarketing), and handbills (not shown).

In the embodiment shown, a product code is shown (or mentioned) in association...

...web pages, or a product code may be mentioned by an announcer in a radio advertisement. In the embodiment shown, the product code comprises a unique identifying number for each product (e.g., 47529), but product codes may also comprise short-hand descriptions or brand name of the product (e.g., STAR 1 3 SHOE, BOOT, or POPCORN), alphanumeric codes (e.g., AZ 1 7), or other identifier.

In an embodiment, the unique product code is based on conventional product code systems that are prevalent in super-markets and stores that are normally used for bar-coding or otherwise identifying...

...next to the coat. In the embodiment shown, 1 12 indicates a particular merchant (the merchant operating the retail store and associated with the merchant server 20) and 90529 indicates a particular product (the coat). The consumer wishes to purchase the coat, but, for one of a 1 5 number of...shown in FIG. 4 are registered with the transaction portal 15. That is, the transaction portal 15 has previously received and stored their names, addresses, mobile telephone numbers, further identifiers (e.g., user names and passwords), and bank account numbers.

Referring to FIG. 4, the user of the first mobile telephone IO wishes...

14/3,K/153 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 170977

Fulltext Availability:

Detailed Description

Detailed Description

... a transitioning network to transition from old "Core" network architectures to "New Core" networks. In the
56
present description, the details of the NGN transitioning network will first be set forth after which details relating to specific billing aspects of the present invention will be described.

PSTN, wireless, and cable networks...

...what was once a distinct set of services (voice, video, wireless) on separate parallel networks, on one integrated packet based network. There will still be separate access technologies (wireless, satellite, cable, wire-line) to access these services, but the access networks will all use a common "New Core" network and its...

...across various access technologies, and users will freely use services that cross many access technologies, e.g. wireless to cable phone services, web browsing from wireless devices etc.

The present invention maps a course for the network evolution from circuit to packet switched technology using a migratory approach in which the network becomes a hybrid circuit and packet topology over a 3 to 7 year period.

Next, the network architecture for the wire-line network as it transforms from "Core" to "NGN" to "New Core" will be described. Followed by architecture for cable, wireless and satellite based access networks.

57

The Wire-line Network Architecture

"Core" Network Architecture

The current wire-line "Core" network consists of parallel PSTN, SMDS, ATM, Frame-Relay, B/PRI and LP networks. The PSTN...allows a user to store frequent conference call participants information. The profile contains participant's telephone numbers (which could be DDD, IDDD, IP Address or Cellular phone number), E-mail address, paging service, fax number, secretary phone number, location, time zone,

working hours and other pertinent information that will be useful for initiating...the sponsor/vendor, The first time a customer uses the on-line help service, the Internet Entry Server performs a registration process which includes a number of personal questions and custom data gathering in the form of queries provided by the sponsor/vendor for response by the user.

The pertinent answers are then...

14/3,K/154 (Item 6 from file: 349)
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00785490 **Image available**

INTERNET PROTOCOL MOBILITY ARCHITECTURE FRAMEWORK
CADRE D'ARCHITECTURE DE MOBILITE PAR PROTOCOLE INTERNET

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200119050 A2-A3 20010315 (WO 0119050)

Application: WO 2000IB1553 20000908 (PCT/WO IB0001553)

Priority Application: US 99152916 19990908; US 99156669 19990929; US
99157289 19991001; US 99157449 19991004; US 2000192411 20000327; US
2000657516 20000907

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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Fulltext Availability:
Detailed Description

Detailed Description

... SOHO,
that do not support encrypted data services.

The IPM Architecture of the present invention is preferably configured to also support NSFs that are private networks and have private addresses that are not routable by the general Internet. The most common scenario for this is when a roaming user wants to...responsible either directly or indirectly for providing mobility in the core network. The frameworks, discussed below in greater detail, include (1) a User Identity and Network Route Addressing Framework, (2) a Security Framework, (3) an Authentication, Authorization, and Accounting (AAA) Framework, (4) a Mobility Manager Framework, and (5) a Service Mobility Framework.

2.1 USER IDENTITY AND NETWORK ROUTE ADDRESSING FRAMEWORK

In accordance with the IPM Architecture of the present invention, the linkage between the users 114 and their devices, such as MN...

...of the form of NAI which
includes attributes of both the device and the user.

Some examples these unique identities based on NAI are, johndoe.mobilephone@anyserviceprovider.com and johndoe.pager@anyserviceprovider.com.

2.1.1 USER IDENTITY

A number of standardization methods for uniquely identifying users have been proposed, each with its own advantages and disadvantages. All proposals, though, require that the globally unique user identity must be resident in a "home database" that is accessible by all.

Because the network of the present invention is an IP-based network modeled on the Internet,, the user name space must be consistent with what already exists within the Internet. Current Internet naming is based on domain names.

Accordingly, the IPM Architecture of the present invention supports unique identifiers as specified in the Internet RFC 2486j, entitled "The Network Access Identifier" by B. Aboba; July 1998. The network access identifier (NAI) defined in this document is based on Internet domain names. The format of the identifiers is NN user@realm" and may be, for example, "John.Doe@ISPxyz".

The NAI may be used to identify users and to identify devices, such...network 102 may comprise a number of LSFs 106 associated with an NSF 104. Each LSF 106 and NSF 104 may

be treated as a private subnet that is protected by an SMG. The LSFs 106 have an SA in place between their SMGs and the NSF's SMG. In FIGURE...

14/3,K/155 (Item 7 from file: 349)
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00785196 **Image available**
WRITEABLE MEDIUM ACCESS CONTROL USING A MEDIUM WRITEABLE AREA
CONTROLE D'ACCES D'UN SUPPORT INSCRIPTIBLE AU MOYEN D'UNE REGION DE SUPPORT
INSCRIPTIBLE

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Patent and Priority Information (Country, Number, Date):

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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 13163

Fulltext Availability:

Detailed Description

Detailed Description

... computer, such as a remote web host computer, sending a request for a first disk key 712, e.g., over the Internet 714 to a client computer, (e.g. a user's home PC, or a microprocessor embedded in a personal electronic device), the client computer, in turn, sends a request for the first disk key, to the disk drive 716. The drive reads the requested disk key, which typically will be the media identifier, such as a serial number or other identifier 718. The disk key is preferably unique to the disk. The first key, in this illustration, called "key A", is read from the disk

into...

...knowing a second key). Preferably, the code for performing F1 resides substantially entirely in the drive (e.g. using a state machine or microcode). The client computer receives key B 726 and sends key B to the host computer 728, e.g. over I 0 the Internet 730, preferably using a...an apparatus for use in connection with such medium which is sufficiently small and lightweight as to be practical for use in or with a personal electronic device (PED).

A number of variations and modifications of the invention could be used. It is possible to use some features of the invention without using others. For example...

14/3,K/156 (Item 8 from file: 349)
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00782253 **Image available**
DIRECT MODE COMMUNICATION METHOD BETWEEN TWO MOBILE TERMINALS IN ACCESS
POINT CONTROLLED WIRELESS LAN SYSTEMS
PROCEDE DE COMMUNICATION EN MODE DIRECT ENTRE DEUX TERMINAUX MOBILES DANS
DES SYSTEMES DE RESEAU LOCAL SANS FIL A POINT D'ACCES CONTROLE

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000IB1143 20000821 (PCT/WO IB0001143)
Priority Application: US 99384025 19990826

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AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Availability:

Detailed Description

Detailed Description

... LUIs) which correspond to the higher layer addresses associated with each AP. (The higher layer addresses are typically internet protocol (IP) addresses or Ethernet addresses, mobile phone numbers, and the like,) In the above-noted HL14SON2a proposal (HIPERLAN2 proposed Standard), there exists a master/slave situation, in which the AP is always the...as one example) of each MT in its cell along with the corresponding higher layer protocol address associated therewith (e.g., Ethernet address, IP address, mobile phone numbers), The AP database also contains information of the DM capability of the MTs associated with that AP, Therefore, the AP is able to check...topology map kept by the AP computer according to the proposal in HL14SON2a of ETSI EP BRAN (European Telecommunication Standards Institute Europe Broadband Radio Access Network) No, 14, July 1999.

BEST MODE FOR CARRYING OUT THE INVENTION

In Fig. 1, 10 is illustrative of the general principle involved in the DM...

...MAC-Id address is the higher layer address corresponding to that MT, the higher layer address can be an Ethernet address, an IP address, a mobile phone number, and the like, It is emphasized, the access point (AP) has the control function in any situation associated with a Direct Mode (DM) connection setup, Once a new MT (e.g., a mobile phone user, notebook or laptop computer user, etc.) wants to join the service provided by a wireless LAN system, the new MT evaluates the most convenient...

...the so called association phase. For example, during this association phase, AP and MT agree on a certain transmission frequency, Moreover, the AP associates a unique local MAC-Id address to the new MT. The purpose of this MAC-Id or another LUI which may be used is to solve the addressing problem within an AP controlled WLAN system. The new MT has a unique address within the wireless LAN system, specified, for example, as NET-Id (network identifier), AP-Id (access point identified) and MAC-Id (medium access control identifier). Therefore, since all of the MTs associated with the same AP have respectively different MAC-Ids, they can be individually addressed with little difficulty...

...mapping table, all that is necessary is for the initiating MT user to dial in the higher layer address, e.g., Ethernet address, IP address, mobile phone number, and the like in its request message to the

associated AP, Using a regular telephone call as an example, we could think of the Id
It is noted that each AP keeps a mapping table in its convergence layer (CL) and has as a responsibility the assignment of unique MAC-Ids to MTs associated to that cell (AP). The mapping table that is stored in the AP relates the MAC-Id to the corresponding higher layer address of the MT, as noted. This relationship is necessary, since the MT's user is not allowed to know anything about the local identifiers. Therefore, during any DM connection setup request, the destination is specified by its higher layer address (e.g., IP address, Ethernet address, mobile phone number and the like).

Using Fig. 2 as an example, when sending an e-mail to a known party, it is assumed that we know its higher layer address (e.g., john.smith@nokia.com) and know nothing about a possibly existing local identifier directed thereto. It is then the task of the associated AP to evaluate the corresponding local MAC-Id address from the mapping table needed for...by MT1 sending a connection request to the associated AP 71 with the corresponding higher layer protocol address (e.g., an IP address, Ethernet address, mobile phone number, etc.) of the remote MT2, shown as 73 in Fig. 7. (Step 61.1 in Fig. 6.) This is followed by AP sending a "wake...

14/3,K/157 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00780046 **Image available**

ADD-ON BASE STATION FOR CELLULAR NETWORK EXPANSION
STATION DE BASE COMPLEMENTAIRE DESTINEE A UNE EXPANSION DE RESEAU
CELLULAIRE

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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Word Count: 10183

Fulltext Availability:
Detailed Description
Claims

Detailed Description

... stations and their operability (see if they
d) One of the main tasks of the cellular center is to give the function.

when given a "cellular phone number", it is able to
return the IP address
of a base station, that has radio contact with it. Alternately, it may
return a message that...

Claim

1 In a cellular network system, an add-on base station comprising:
A. a first channel for connecting to a customer's phone;
B. a second channel for connecting to...

...base station according to claim 2, wherein the first channel
further includes means for generating and receiving control signals as
required to communicate with the wireless phone.

4 The base station according to claim 1, wherein the second channel
connects to an IP network such as an Internet or Internet over cables...

...including storage means for storing digital certificates.

8 The base station according to claim 7, wherein the certificate
binds a cryptographic public key with an identifier.

9 The base station according to claim 7, wherein the certificate
includes an operating license for the base station.

10 The base station according to claim 1 . further including unique
identification means for each base station.

1 1. A cellular network system comprising:

A. a center for forwarding information as required to establish an IP
connection between two parties;

B. a plurality of cellular phones capable of connecting over
a cellular
wireless network;

C. a plurality of base stations, connected to an IP network and
including means for communicating with the cellular phones
over a wireless channel and means for routing messages over the IP
network.

12 The cellular network system according to claim 1 1, wherein the center
includes means for keeping track in real time of the cellular
phones that can be reached through each one of the base stations.

13 The cellular network system according to claim 1 1, wherein at least

one
of the base stations further includes billing means for collecting a
payment for services related to connecting the cellular phone
to the
IP network.
14 The cellular network system according to claim 1 1, wherein at least
one of the base stations further includes means...

...to claim 1 1, wherein at least one of the base stations further includes
communication means for data, voice and/or multimedia.

16 The cellular network system according to claim 13, wherein the
billing means include means for collecting payment in the form of tokens,
digital cash, a credit and/or rights to use the network.

17 The cellular network system according to claim 13, wherein the
billing means include smart card means for collecting the payment.

18 A method to establish a link between...

14/3,K/158 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00568560 **Image available**
VOICE OVER DATA TELECOMMUNICATIONS NETWORK ARCHITECTURE
ARCHITECTURE DE RESEAU DE TELECOMMUNICATION VOIX-DONNEES
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Inventor(s):
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STEARNS Harold,
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OWEN Kraig,
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Patent and Priority Information (Country, Number, Date):
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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA

UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 105482

Fulltext Availability:

Detailed Description

Detailed Description

... 413), including message flows 415, 417, 419, 421 and 423.

FIG. 4H depicts a block diagram of soft switch command and control registration with configuration server sequencing diagram 425, including message flows 427, 429, 4') I and 433.

FIG. 4I depicts a block diagram of soft switch accepting configuration I 0 information from configuration server sequencing diagram 435. including message flows 437, 439, 441, 44'), 445 and 447.

(b) Call Context Class

FIG. 4C illustrates a call context...

...parameters identifying a call event and a signaling message. Other methods 442 include a function to get an JAM message, to get a call event identifier, to get an originating network ID, to get a terminating network ID, to get a signaling message, and to get a subroute. Methods 442 also include the means to add an ACM message, an ANM message...

...an RLC was sent. Methods 442 can also get a route.

FIG. 4C also includes route response 4')0. call context repository 444, call event identifier 448, and network ID 452. Call context repository 444 includes methods 446. Methods 446 include a register function, a function to get call context, and to find call context. Call event identifier 448 includes the function of identifying a call event 450.

(c) Signaling Message Class

FIG. 4D includes signaling message class 432 OOP class definition.

Signaling...

...and receive various parameters. Parameters which can be sent by signaling message functions include the request/response header (Rhs), the 15 signaling message, the network ID, the port, the route response, the IPDC message and the soft switch information. Methods 458 also include the function to set the originating ingress port, to set the network identifier, to get a message type, and to get a network identifier.

FIG. 4D also includes network ID 452 and route response 430. Network ID...AG 238).

The voice path interface can use RTP and RTCP.

In a preferred embodiment, ANS 246 to soft switch 204 interface provides

for a data path using the internet protocol device control (IPDC) protocol to control announcement server 246.

The ANS 246 to SNMP agent in network management component II 8 data path is used to...

14/3,K/159 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00546921 **Image available**
METHOD AND APPARATUS FOR ROUTING BETWEEN NETWORK GATEWAYS AND SERVICE CENTERS
PROCEDE ET APPAREIL D'ACHEMINEMENT ENTRE DES PASSERELLES DE RESEAU ET DES CENTRES DE SERVICES
Patent Applicant/Assignee:
PHONE COM INC,
Inventor(s):
RAMASUBRAMANI Seetharaman,
BOYLE Stephen S,
FOX Mark A,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200010294 A2 20000224 (WO 0010294)
Application: WO 99US17909 19990804 (PCT/WO US9917909)
Priority Application: US 98131491 19980810
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CN JP KR AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 19123
Fulltext Availability:
Detailed Description

Detailed Description

... the invention includes: a plurality of wireless communication devices, the wireless communications devices including a processing unit and a display screen; a plurality of wireless network carriers, each of the wireless network carriers providing wireless communication services to the plurality of wireless communication devices, and a plurality of the wireless network...

...router. The plurality of processes operate to process messages directed to the network. Each of the messages includes a destination port identifier, a source port identifier and a data portion. For a io particular message, the source port identifier identifies a port within a wireless communication device that sent the particular message to the apparatus and the destination port identifier identifies a port within the apparatus where the particular message is to be processed. The internal message router receives incoming messages and routes the messages to the ports associated with the processes that are to process the messages, the routing being based on the destination port identifiers within the messages that identify the ports associated with the processes.

As a method for registering a process with an internal message router of a...

...internal message router is activated; processing the registration request at the internal message router to assign a port number for the process; and returning the assigned port number to the process.

The advantages of the invention are numerous. One advantage of the invention is that each process within a gateway is able to be separately addressable. Another advantage of the invention is that messages are able to be routed between a process in a mobile device and a process in the gateway. At the gateway then, a message can be routed to the appropriate process within the gateway that is to process the message. Still another advantage of the invention is that a scaleable multiple network gateway supporting different wireless networks is facilitated by the improved ability to route messages. Yet another advantage of the invention is that it facilitates scaleable two-way communications over narrowband networks.

5

Other aspects and advantages of the invention will become apparent from the following detailed description taken in conjunction with the accompanying drawings which illustrate...common gateway architecture. For example, the gateway 1302 can support anywhere from one to many different agent processes to handle messages with respect to particular mobile devices. If large numbers of mobile devices require the handling of their messages (i.e., heavy loading conditions), the gateway 1302 can add additional processes (e.g., agent processes...a narrowband communication channel to provide communications between mobile devices and a network gateway. The network gateway in turn couples the mobile devices to a network. As an example, the communication system 1300 can be used to couple mobile devices to the Internet or application servers on the Internet as illustrated...

...1310 implements a higher layer protocol such as Wireless Datagram Protocol (WDP) over the protocol SMS. In general, it can be said that the mobile device 1304 couples to the network gateway 1302 over a wireless network.

The network gateway 1302 includes an internal message router 1310. The internal message router...

...2 process 1318 are pull agents that operate to "pull" information from the

23

are respectively associated with a carrier network A 2018 and its mobile devices 2020, a carrier network B 2022 and its mobile devices 2024, and a carrier network C 2026 and its mobile devices 2028. In such an embodiment, the different protocol adapters 2006, 2008 and 2010 of the internal message router 2004 can be assigned different network addresses numbers so that the mobile devices associated with the different carrier networks can direct their messages to the appropriate protocol adapter for that type of network. For example, the network gateway...

...123", "456, and "789") for the protocol adapters 2006, 2008 and 2010,

respectively. The appropriate network address to the network gateway 2002 for a given mobile device would be provided to the mobile device 10 during initial provisioning or configuring following power-up. Additionally, the route information forwarded to the gateway processes 1312 that process the incoming messages can...

...such as SMS and LISSID. Hence, the architecture of the communication system 2000 allows a single network gateway to concurrently support various different networks. The gateway processes 1312 are then insulated from protocol specifics and can focus on message processing. If desirable, the gateway processes 1312 can utilize network drivers or...

14/3,K/160 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00533904

SYSTEM AND METHOD FOR DELIVERING ELECTRONIC MESSAGING TO MOBILE PHONES
SYSTEME ET PROCEDE POUR ACHEMINER DES MESSAGES ELECTRONIQUES A DES
TELEPHONES PORTABLES

Patent Applicant/Assignee:

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Inventor(s):

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HUDSON Michael,

HAYDEN Brennan,

PETRIE Daniel G,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9965256 A2 19991216

Application: WO 99US13183 19990610 (PCT/WO US9913183)

Priority Application: US 9888781 19980610

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JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 11182

Fulltext Availability:

Detailed Description

Detailed Description

... emulation option; (i) create a new subscriber account, then administer e-mail and Voice Mail notifications using a Web browser interface;
C
login using a mobile telephone number and password,
then administer e-mail and voice mail notifications using a Web browser interface; (k) view a variety of usage characteristics by day...

...login and create a new user, then administer e-mail and voice mail notifications on behalf of the new user; find an existing user by mobile telephone number, name or account number and administer e-mail and voice mail notifications on behalf of the existing user or delete the subscriber; view a variety...to-speech IVR application formulates a message and sends it to the text-to-speech
C

server. This message contains the protocol header, the **mobile phone number** and the password.

Upon receipt of a request, the text-to-speech server attempts to process the request by logging onto - 16 the database with the supplied **mobile phone number** and password. If this fails, an error code is returned to the client.

There are twelve types of action the text-to-speech INTR and...navigate as detailed elsewhere. In Full Text

Z)

playback mode, when the user chooses a **inessaee ID**, a **inessarre** consisting of a protocol header, a **mobile phone number**, a password and a "MSG ID" (**niessage identifier**) is sent to the text-to-speech server. The server validates the request, logs onto the database...the IVR.

To peribrin the fou oil and validate opcration, the IVR can scnd a rC(ILICSt to the server to validate the user's **mobile phone number** and password. No other action is taken.

A user also can chanae his PBX emulation type via the IL VR unit. a pre-defined list...

...application sends a logging request to

I C I.D

the text-to-speech server consisting of a protocol header and a line containing the **mobile phone**

C CD

number of the last user, the start time of the call, the end time of the call and a count of the number of messages (or the user for his **mobile phone id number** and password or prompt the CSR for a user ID and password. Entering this information and clicking "submit" will login the user. The logon script attempts to find the userby looking up his **mobile phone number** and password in the database. If no records match this combination an error screen will be presented. If the phone number and password are correct...

...take the user to the account management area. On a New User Reustration.

Screen, a new user will enter his or her I 0-digit **cellular telephone number**, a numeric password, address information, (optionally) a carrier and a preferred PBX enulation type. The registration script will check to see that the telephone number...

...will be created in the "users" table of the system database.

For subscriber account manacernment, the main system screen elements are: a display of the **mobile phone number**; a simple progression of screens to change the password (via a "Change Password" script); a link to the e-mail notification configuration area; a link... record of message text is stored by the system, every request for a message to be retrieved will have to go to the remote POP **server** and pass the security tests imposed by that foreign system.

Traffic between the remote mail **server** and Text-to-speech

server will be unencrypted (see above). Traffic between Text-to-speech server and the IVR system will also be unencrypted since it will be protected by the firewall.

- 22 Subscribers log on to the system using their previously defined password and mobile phone number. Once logged on, any ID and passwords required for access to remote POP') servers will be 'Do retrieved from the database.

Configuration Management

A Subscriber will log on to the Web interface using his or her mobile phone number and the previously defined system password. Once successfully logged on, he or she will receive a "cookie" that will tell the system who he or she is. This cookie will expire at some defined point in the future.

For voice mail notification, the text message delivered to the mobile phone preferably takes the following format:

...2) Account Name
(3) Callback number
is (4) Pass-thru data (optional)
(5) Time stamp
(6) E-mail. Notification
The text messages delivered to the mobile phone take the following format.

(1) F: <name of sender>
(2) S: <text contained in the subject>
(3) <IVR callback number>:<message id>
(4) Time stamp...
...message.

To reach the E-mail Retrieval IVR subsystem, the subscriber will dial the system. The first 30 action will be to log in with the mobile telephone number and password. Once logged in, the subscriber will hear the following:

- 23 subscriber will hear a main menu and be prompted to select to hear a full message associated with a unique MSG ID, a listing of all e-mail summaries, or the status of each individual e-mail account plus user options to set the password and PBX type.

If full message playback is selected, the subscriber will hear the text-to-speech conversion of the e-mail message associated with the unique MSG ID. The subscriber can navigate during the text-to-speech playback, with specific keys on the cellular telephone, to hide a message (i.e., not hear the message again in the system but not affect the text e-mail in the subscriber's...

14/3,K/161 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00525108 **Image available**
METHOD AND APPARATUS FOR COMPUTER NETWORK FACSIMILE OR OTHER
TELECOMMUNICATION MESSAGE RECEPTION
PROCEDURE ET APPAREIL POUR LA RECEPTION SUR RESEAU DE FAC-SIMILES OU D'AUTRES
DE MESSAGES DE TELECOMMUNICATION

Patent Applicant/Assignee:

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CHOKSI Himanshu,

Inventor(s):

KUMAR Siva V,
CHOKSI Himanshu,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9956460 A1 19991104
Application: WO 99US6052 19990318 (PCT/WO US9906052)
Priority Application: US 9866268 19980424

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU
ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML
MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7808

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... formatting and graphical information of the original message. Also,
there is no danger of portions of a facsimile message being stripped
off by a gateway prior to reception. Despite these advantages,
however, facsimile reception usually requires a dedicated telephone line
for connection to the receiving facsimile machine. In a large...

...confidential facsimile message.

Presently, some vendors do offer partial integration of facsimile
services and e-mail services. However, in these systems, users must each
be assigned individual telephone numbers, thus leading
to difficulties where a large number of users must be accommodated. Thus,
it would be desirable to provide a system which combines the call to a
telephone, cellular telephone, voicemail box and/or pager
number or address, or by way of a message to another communication device
and/or address. In any event, however, the user is preferably identified
by a unique identifier appended to the shared telephone number.

The notification message may comprise an independent message announcing
receipt of the facsimile message (e.g., a "you have a fax" message in
voice and/or

2
data form), an attachment which includes the facsimile message, or the notification message may comprise a computer network address of a location where the received message may be accessed. For the latter case, the computer network address is preferably a universal resource locator
...

Claim
... addresses.

18 The method of claim 15 wherein the communication addresses comprise telephone numbers.

19 The method of claim 15 wherein the communication addresses comprise cellular telephone numbers.

20 The method of claim 15 wherein the communication addresses comprise pager account numbers.

21 The method of claim 15 further comprising notifying a first...30 wherein the notification message is transmitted to a telephone number.

22
. The computer of claim 30 wherein the notification message is transmitted to a cellular telephone number.

34 The computer of claim 30 wherein the notification message is transmitted to a pager account number.

35 The computer of claim 30 wherein the...69 wherein the communication address comprises a telephone number.

72 The subscriber-based facsimile reception system of claim 69 wherein the communication address comprises a cellular telephone number.

73 The subscriber-based facsimile reception system of claim 69 wherein the communication address comprises a pager account number.

27
. The subscriber-based facsimile reception...The method of claim 83 wherein the communication address comprises a telephone number.

86 The method of claim 83 wherein the communication address comprises a cellular telephone number.

87 The method of claim 83 wherein the communication address comprises a pager account number.

88 The method of claim 79 wherein the facsimile message...

14/3,K/162 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00511817 **Image available**
METHOD AND SYSTEM FOR AUTHORIZATION, ROUTING, AND DELIVERY OF TRANSMISSIONS

PROCEDE ET SYSTEME D'AUTORISATION, DE ROUTAGE ET DE REMISE DE TRANSMISSIONS

Patent Applicant/Assignee:

GTE MOBILNET SERVICE CORP,
GTE TELECOMMUNICATION SERVICES INCORPORATED,

Inventor(s):

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BRENNER Robert W II,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9943169 A1 19990826
Application: WO 99053524 19990218 (PCT/WO US9903524)
Priority Application: US 9826903 19980220

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG

Publication Language: English

Fulltext Word Count: 12732

Fulltext Availability:

Detailed Description

Detailed Description

... in place of IS Signaling network 40 may also be any type of data network that allows transmission of messages, e.g., an X.25 network .

Also consistent with the present invention, platform 34 communicates with host 14 via data network 42. As will be described below, data network 42 facilitates...

...be any type of data network that allows transmission of messages. In particular, data network 42 may use Internet Protocol (IP) to transmit messages. Data network 42 may also be an X.25 network or any other data or signaling network.

Consistent with the present invention, there are several methods of routing and authorizing transmissions from remote unit 12, all of which include processing at platform...

...before remote unit 12 initiates a transmission, remote unit 12 registers with router 16. Router 16 then transmits registration information to platform 34 over signaling network 40. Registration information includes remote unit identification and optionally router identification. When router 16 is a wireless device, registration of remote unit 12 may occur using autonomous registration. In this case, database 38 at platform 34 includes the functionality of an HLR. Thus, whenever a remote mobile unit is activated or enters a new service area, registration of the remote unit occurs.

Remote unit identification may include a number or series of numbers associated with the remote unit, such as the Mobile Identification Number

(MIN), and the Electronic Serial Number (ESN) of the remote unit. Router identification may include the location of the area or network served by the router in addition to an identifier specifying the actual router.

As illustrated in Figure 2, platform 34 determines a profile associated with remote unit 12 upon receiving registration information over signaling network 40 from router 16.

Profile information is stored in database 36, the profile including a list of services authorized for the remote unit based on several parameters. Services are authorized based on the identifier and location of the remote unit, the identifier and location of the router, and the identifier and location of the host computer, as well as the occurrence of timing events.

Based on registration information received, profile information stored in database 38...15 host 14 can be informed how to route the transmission back to remote unit 12. In the case where remote unit 12 is a wireless unit, the routing number requested from router 16 is a temporary local directory number (TLDN). After router 16 transmits the requested routing number to platform 34, platform 34 sends ...

14/3,K/163 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00481015 **Image available**
SYSTEM AND METHOD FOR COMMUNICATING USING A VOICE NETWORK AND A DATA NETWORK
SYSTEME ET PROCEDE DE COMMUNICATION UTILISANT UN RESEAU TELEPHONIQUE ET UN RESEAU DE DONNEES

Patent Applicant/Assignee:

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Inventor(s):

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DRUECKHAMMER Carl W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9912367 A1 19990311

Application: WO 98US18552 19980904 (PCT/WO US9818552)

Priority Application: US 97924583 19970905

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
TG

Publication Language: English

Fulltext Word Count: 6123

Fulltext Availability:
Detailed Description

Detailed Description

... unit in both the voice call and the data message to the service center. In a particular embodiment, the NSC specifies the identifier of the mobile unit as automatic number identification or caller ID information associated with the voice call. The service center associates the voice and data components using the identifier of the mobile...allows service center 16 to provide directions to the users of mobile units 12 in both audible and data formats.

Similarly, database 58 may store personal medical information, dispatch numbers, emergency personnel locations, or other information that allows service center 16 to dispatch assistance to the users of mobile units 12 in need or distress...to access service center 16, processor 114 directs switch 100 to place an outbound call to service center 16 using voice path 40 and voice network 18. Using either in-band or out-of-band signaling, switch 100 also associates an identifier of mobile unit 12 with the call placed to...

...identification number and/or electronic serial number (MIN/ESN) 204, a vehicle identification number (VIN) 206, or any other suitable information associated with or identifying mobile unit 12. Identifiers 202 of service center 16 are further related to call types 208 specified in the service message received from mobile unit 12. Therefore, in a particular embodiment, an identifier 200 of mobile unit 12 and call type 208 together specify an identifier 202 of the appropriate service center 16 to handle the service request. Profile table 120 includes an entry for each mobile unit 12 serviced by communication system 10.

FIGURE 4 illustrates an alternative exemplary embodiment of profile table 120 that identifies mobile units 12 in groups to reduce memory requirements and provide quicker and more efficient access to the contents of profile table 120. In this embodiment, identifiers 200 of mobile unit 12 comprise a vehicle type 210, year 212, or other grouping or association of mobile units 12 or mobile items associated with mobile units 12. Vehicle type 210 specifies the manufacturer, model, style, or other information of a type of vehicle, whereas year 212 specifies a year or...

...communication system 10. Voice access parameters 220 may comprise telephone numbers, telephone extensions, trunk/line identifiers, or any other address or identifier supported by voice network 18. Data access parameters 222 may include LAN or WAN addresses, uniform resource locator (URL) addresses, telephone numbers, transport control protocol or Internet protocol (TCP...

14/3,K/164 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00468011 **Image available**
SYSTEM AND PROCESS FOR ALLOWING WIRELESS MESSAGING
SYSTEME ET PROCEDE DE MESSAGERIE SANS FIL
Patent Applicant/Assignee:
TELECOM WIRELESS SOLUTIONS INC,

Inventor(s):
HOLMES Hudson,
HALL Rich,
MUNRO Rob,
KERR Jason,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9858476 A1 19981223
Application: WO 98US12536 19980617 (PCT/WO US9812536)
Priority Application: US 9750008 19970617; US 9762107 19971014

Designated States:

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 10813

Fulltext Availability:
Detailed Description

Detailed Description
... clients 12 1.

Sendinail Services 307. This service provides the interface layer between the sendmail application that is used to send Internet emails from the gateway IO 1, and the manager process 202.

0 Fax Services 308. This service provides the interface layer between the SUBSTITUTE SHEET (RULE 26) manager process...determine the recipient.

9
SUBSTITUTE SHEET (RULE 26)
Messages sent from a computer based mail system to a mobile phone 130 require a valid MSISDN (mobile phone number), and the UNIX domain name where the gateway 101 resides. For example, a valid MSISDN/domain name address might be "Error! Bookmark not defined...

...sms.domain.com" identifies the Unix domain name of the gateway 101.

However, according to the teachings of the present invention, messages sent from a mobile phone to a destination (LAN 120, Internet

140, etc.) may be addressed using a number of different methods. When a message is sent from an outside e-mail source to a **mobile phone 130**, the gateway 101 may create a new, temporary and unique reply MSISDN number associated with the reply address, before sending the message and the reply MSISDN number onto the **mobile phone 130**. If the user of the **mobile phone 130** replies to this message, the reply MSISDN number is sent with the reply message back to the gateway 101, which the gateway 101 can...

...the e-mail address of the original sender -- either an Internet mail address or some other type of client ID. Thus, the user of the **mobile phone 130** can reply to messages without knowing the address of the original sender - the gateway 101 performs all necessary mapping. For messages originating from the **mobile phone 130**, and not using the reply function, there are two methods available for determining delivery. If the message is destined for the Internet 140, the full Internet address of the recipient may be specified in the body of the message. The **mobile phone 130** then transmits the message to the gateway 101 using a selected Internet mail relay MSISDN, which is a special number for Internet mail...

...to 4 digit default ID that is tagged onto the permanent MSISDN when messages are sent. These number ranges are used to identify the destination client 121 to receive the message. Only a portion of the overall number is used -- the remainder is used by the client 121 to identify the...

14/3,K/165 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00460633 **Image available**
APPLICATION PROGRAMMING INTERFACE FOR INTELLIGENT NETWORK
INTERFACE DE PROGRAMMATION D'APPLICATIONS POUR RESEAU INTELLIGENT
Patent Applicant/Assignee:
GLOBAL MOBILITY SYSTEMS INC,

Inventor(s):
GOSSMAN William E,
HARTMAIER Peter J,

Patent and Priority Information (Country, Number, Date):

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Priority Application: US 97852951 19970508

Designated States:

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 13456

Fulltext Availability:
Detailed Description

Detailed Description

... or WIN profile and WIN mobility information with applications developed and executing locally on a private network.

Further, the open application interface between the wireless network SCP1 STP or MSC and the private network-based application, or open application platform which converts a TSAPI, or other standard link protocol, into the...

...The subject invention allows the interconnect of the AIN or WIN profile and WIN mobility information with applications developed and executing locally on a private network or on an open applications platform.

The addressing supported by the subject invention can include standard IP addresses, such as those used by the Internet or Intranets, and future Internet addresses supported by the Internet Protocol Version 6 (IPv6) standard. In particular, a device connected to a network using the subject invention, like a cellular or PCS network, contains a unique identifier, the mobile identity number (MIN), electronic serial number (ESN) pair. This represents a unique network address per device.

Reference is made to a TSAPI link which is the Novel's implementation of the Computer Telephony Interface as defined by the...

...from Microsoft) and proprietary links such as MiTAI from Mitel, Meridian Link from Nortel, and Call Path from IBM.

Additionally, other links from applications supporting client software in the mobile phone, ie. Java from Sun Microsystems, or Windows CE from Microsoft are supported by the subject invention.

Signaling from the private network interface to the network-based HLR will be over X.25, TCP/IP (Internet) or appropriate private virtual circuits (closed user groups) and will use either the current IS...

...remote service calls and procedures that maybe available from specific vendors or the SCP/HLR. This connection will have the effect of acquiring the private network as an intelligent node on the cellular network, complete with its own unique addressing. Its support of the IS-41 protocol or vendor specific processes will ensure that minimal changes in the HLR...

...extended with an SS7 link in order to allow the "sub-SCP" process to serve as a general SCP/HLR in

the cellular carrier's network. This will allow carriers to lower operating costs

...able to develop a screening list to route callers to local voice mail of cellular telephone depending on criteria)

0 screening list management from the cell phone

0 the number and type of PBX messages will be displayed on the cell phone.

0 PBX set feature control- via the cell phone

Additionally, with the TSAPI...

14/3,K/166 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00456834 **Image available**

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR SWITCHED TELEPHONY COMMUNICATION

SYSTEME PROCEDE ET ARTICLE CONC U POUR LES COMMUNICATIONS TELEPHONIQUES PAR RESEAU COMMUTE

Patent Applicant/Assignee:

MCI WORLDCOM INC,

Inventor(s):

ZEY David A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9847298 A2 19981022

Application: WO 98US7927 19980415 (PCT/WO US9807927)

Priority Application: US 97835789 19970415; US 97834320 19970415

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU

IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL

PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW

SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR

IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 156638

Fulltext Availability:

Detailed Description

Detailed Description

... and service creation should work directly on the

ISP databases rather than through intermediary applications whenever possible.

29. All data must be protected; additionally customer data is private and must retain its confidentiality.

30. Configurations, operational settings, and run-time parameters are mastered in the ISP MIB (management information base).

3 1. Wherever...anything from an internet logon, to an

800 call, to a point of sale card validation data transaction. Once the

initiating action occurs in the network, the service select function 2148 (Figure 21) uses the Resource Manager 2150 function to find an instance of the executing service 2200 to invoke. The...

...remote database lookups. As the service executes, information may generated by service features 2202 and deposited into the Context Database. This information is uniquely identified by a network transaction identifier. In the case of a circuit-switched call, the alreadydefined Network Call Identifier will be used as the transaction identifier.

Additional information may be generated by network equipment and deposited into the Context Database as well, also indexed by the same unique transaction identifier. The final network element involved with the transaction deposits some end-of-transaction information into the Context Database. A linked list strategy is used for determining when all information has been deposited into the Context Database for a particular ...

...extracting the data from the Context Database and delivering it to billing systems or fraud analysis systems.

6. Service Interactions.

In the course of a network transaction, more than one service can be invoked by the network. Sometimes, the instructions of one service may conflict with the instructions of another service. Here's an example of such a conflict: a VNET caller...

14/3,K/167 (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00392678 **Image available**
PERSONAL COMMUNICATIONS INTERNETWORKING
INTERCONNEXION DE RESEAUX DE COMMUNICATIONS PERSONNELLES
Patent Applicant/Assignee:
BELL COMMUNICATIONS RESEARCH INC,
Inventor(s):
PEPE David Matthew,
BLITZER Lisa B,
BROCKMAN James Joseph,
CRUZ William,
HAKIM Dwight Omar,
KRAMER Michael,
PETR Dawn Diane,
RAMAROSON Josefa,
RAMIREZ Gerardo,
WANG Yang-Wei,
WHITE Robert G,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9733421 A1 19970912
Application: WO 96US3064 19960306 (PCI/WO US9603064)
Priority Application: WO 96US3064 19960306

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CN KR MX SG

Publication Language: English

Fulltext Word Count: 18370

Fulltext Availability:

Detailed Description

Detailed Description

... database 44 to the PCI server call processor. Two logical connections are made from each IPI 2 10 and GDI 212 processors to the PCI server for redundancy. Thus, a hill SCP configuration supporting PCI would preferably require 24 logical links, as shown in Fig. 7. The PCI database initiates the...must be managed in segments. The service profile is divided into six segments as shown in Table 1 - Each segment is assigned a unique numeric identifier.

PCI Pmfk Segment Segment ED (decimal)

Personal data 1

CC service profile 2

E-mad routing 3

E-mad subject scree 4

E-mail from...

...and notification. The encoding for these types are given in Table 2.

Media Type Code

Alphanumeric Pager A

E-mail message store S

Fax F

PDA P

Voice mad, V

Wireline e-mail E

Null z

For example, if the subscriber prefers to receive e-mail which passes screening via the PDA 30, then the "primary destination one" profile element will contain a "P".

Fig. 8 illustrates a message flow for profile retrieval using the GDI protocol...

...one GetData data query for each PCI profile segment. Each query will be processed by the PCI database 44 as an independent transaction with a unique TCAP transaction ID. Each GetData query sent by the PCI server 48 will include a "Service Key" parameter which is a ten-digit PCI subscriber number (e.g...

...9 provides a message flow between the PCI server 48 and the PCI database 44 for 1 5 a profile update originating from a wireless PDA 30.

This wireless profile update uses the GDI protocol. A subscriber perform

a profile manipulation activity, and the PDA 30 sends a profile data message to the PCI server 48. The PCI server 48 sends a GDI SendData query to the PCI database 44...

...profile segment for which a profile element was updated. Each query will be processed by the PCI database 44 as an independent transaction with a unique TCAP transaction ID.

Manipulation depends upon the implementation of service logic by the service designer, and upon options selected by the PCI subscriber.

As shown in this illustrative...PCI server responds to each request with digits collected (lines 286, 290-294). The CPR updates subscriber's profile with data collected via DTNV.

V. PDA/PCI Interface

Communication between the PDA and PCI use, for example, an X.25 transport using the UDP IP protocol. A brief discussion of the PDA structure is provided. The PDA 30 is 5 preferably a notebook or palm top computer having a wireless network interface. The PDA may be, for example a Hewlett Packard Omnibook 300 notebook computer running a PCI application, Fig. 12 illustrates an exemplary PDA. The...the PDA bound E-mail from the external mail storage system into a pending area in the PCI server, (b) send an acknowledgement to the PDA indicating the number of PDA bound E-mail now residing in the pending area; and (c) initiate delivery of these PDA bound E-mail from the pending area...abort the send operation and discard the summary information. In response to the request, the PCI server 48 will (a) send an acknowledgement to the PDA indicating the number of MS-bound E-mail present (line 300); (b) extract summary information from those messages; and (c) send the summary to the subscriber's PDA...

14/3,K/168 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00293425

TELEPHONE CALL HANDLING SYSTEM

SYSTEME DE PRISE EN CHARGE DES APPELS TELEPHONIQUES

Patent Applicant/Assignee:

CABLE & WIRELESS PLC,

Inventor(s):

ANIUS Patson Norbert,

HOBSBS Stephen Edward,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9511574 A1 19950427

Application: WO 94GB2225 19941012 (PCT/WO GB9402225)

Priority Application: GB 9321478 19931018; GB 948632 19940429

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR
KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA
UZ VN KE MW SD SZ BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 6117
Fulltext Availability:
Detailed Description

Detailed Description

... home phone number, business fax number etc). In this case the linking database provides the address of a local directory database containing a number of cellular phone numbers (including subscriber Ws),

(9) The system accesses the cellular phone directory using subscriber B's personal identification number and obtains the relevant cellular phone number.

(10) The system routes the call using the obtained cellular phone number.

This system does not provide a service for subscriber definable call routing in the context of the present invention. It also requires a number of...between the PSTN 9 and a single TSP 3a is shown in Figure 2. one of the TSP's functions is to act as a gateway switch between the System and the PSTN. The TSP 3a is connected to a local s,6..",'@ch (LS) 4g which is provided in the...

...machines 8a,, phones 8b etc, The local switch 4e is connected to a plurality of base stations 5a-c which connect to a number of mobile telephones 6a-f. The local switch 4f is connected to three fixed elements, namely a telephone 7a,,--fax 7b and computer 7c,, along with mobile phones 7d,7e.

Another function of the TSP is to determine the incoming call treatment, based on the capability of the preceding node as will be...

...dialled when a caller wishes to reach a particular subscriber. Typically the personal number comprises the SID, preceded by a two or three digit PN network identifier (for instance, PSTN trunk code assigned to the system) and a service identifier. International originated calls will still be required to prefix the PN with the registered home country code of the subscriber, e.g. +44 for the UK. The personal number will thereby follow the format shown below.

(CC) DE F HIJKLM
where: CC is the country code
DE is the network identifier
F is the service identifier
HIJKLM is the SID.

The contents of each subscriber's memory location or fixed record in the central database I is set up as shown in...

DIALOG(R)File 349:PCT FULLTEXT
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00288232

METHOD FOR ACCOMPLISHING A CONNECTION

PROCEDE POUR ETABLIR UNE CONNEXION

Patent Applicant/Assignee:

TELECOM FINLAND OY,

LEPPANEN Osmo,

Inventor(s):

LEPPANEN Osmo,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9506381 A1 19950302

Application: WO 94FI359 19940818 (PCT/WO FI9400359)

Priority Application: FI 933744 19930826; FI 942842 19940615

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ
LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA US UZ
VN KE MW SD AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 1934

Fulltext Availability:

Detailed Description

Claims

Claim

... numbers, which may be a certain client, home, an institution or similar. To make these calls even more interestingly, the operator can give to the ~~mobile phone~~ subscriber abbreviated ~~numbers~~, using which often to the same subscriber made repeated calls could be billed differently, for example more profitably than calls, which are made using normal...

...calls can be grouped in billing using starting numbers.

The object of the invention is a method for accomplishing a connection from a mobile communication ~~network~~ A-subscriber connection to a mobile communication network or other telecommunication network B-subscriber connection for making a call with a mobile station, which mobile...

...A

subscribers and a A-subscriber dependent selected short number, which is beforehand stored to a A-subscriber dependent short number table in the mobile ~~phone~~ exchange; that in the ~~mobile phone~~ exchange the dialling of the A-subscriber is analysed, when using A-subscriber recognition, like A-subscriber identity, the A-subscriber's right to short...

...is

transformed using A-subscriber dependent short number table to a normal mobile network or other telecommunication network number; and that the connection from the ~~mobile phone~~

exchange
to B-subscriber is made using the number which corresponds the@@
above mentioned short number, and this number is a public
telecommunication network number.
Subscribers can be for example either NMT (Nordic Mobile
Telephone) or GSM (Global System for Mobile Communications)
subscribers. Short number tables are formed from the short
numbers which are used. Short numbers can be for...

...common
for all subscribers attached to the service and I ... 9 shows
the subscriber's possible short numbers.
In the method mentioned above in the mobile phone exchange a
billing record is made, in which for the B-number is
registered the short number dialled by the A-subscriber.
Connection from the mobile phone exchange to the B-subscriber
is marked a transferred call, which prevents further call
transfer.
In IN(intelligent network) architecture a mobile services
switching centre service applications are reached, when in the
mobile phone
exchange MSC billing records are formed using as a B-number
identifier the short number and-the A-subscriber's dialling is
analysed and changed...

...a modified dialling, which included a service key,
and this modified dialling is signalled together with the
A-subscriber's identification information to the intelligent
network exchange INC, where on basis of A-subscriber's
identification information the A-subscriber's right to the
service is checked, when either the connection...

...to be a part of the mobile phone exchange and for
the communication between the switching part SSP of the
IN-exchange INC public telecommunication network PSTN, a
closed dedicated network, a permanent connection, a direct
channel and so on can be used.
The invention has above been described referring to other
communication networks and vice
versa, characterized in that the connection from a mobile
station is made to mobile phone exchange by dialling with the
mobile station of the A-subscription a predetermined number,
which includes a prefix number common to all A-subscribers and
a A-subscriber dependent selected short number, which is
beforehand stored to a A-subscriber dependent short number
table in the mobile phone exchange; that in the mobile
phone
exchange the dialling of the A-subscriber is analysed, when
using A-subscriber recognition, like A-subscriber identity,
the A-subscriber's right to short...

...is transformed using
A-subscriber dependent short number table to a normal mobile
network or other telecommunication network number; and that
the connection from the mobile phone exchange to B-subscriber
is made using the number which corresponds the above mentioned

short number, and this number is a public telecommunication network number.

2 A method according to claim 1, characterized in that in the mobile phone exchange a billing record is made, in which for the B-number is registered the short number dialled by the A-subscriber.

3 A method according to claim 1 and/or claim 2, characterized in that the connection from the mobile phone centre to the B-subscriber is marked a transferred call, which prevents further call transfer.

4 A method according to any claim 1 - 3, characterized in that in the method IN(intelligent network) architecture is used such, that mobile phone centres (MSC) include or are connected to an intelligent network centre (INC), which includes intercommunicating an upper level control part (SCP) and a lower level...

...part (SSP), via which connections are routed to telecommunication network subscriber connections and service applications of the control part (SCP) are reached, wherein at the mobile phone centres (MSC) billing records are formed using as a B-number identifier the short number and the A-subscriber's dialling is analysed and...

...and short number to a modified dialling comprising a service key, which is signalled together with the A-subscriber's identification information to the intelligent network centre (INC), where on basis of the A-subscriber's identification information is checked the A-subscriber's right to the service, whereby either the...

14/3,K/170 (Item 22 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00237382 **Image available**

APPARATUS FOR DETECTING AND PREVENTING SUBSCRIBER NUMBER TUMBLING IN A CELLULAR MOBILE TELEPHONE SYSTEM

APPAREIL DE DETECTION ET DE PREVENTION EMPECHANT DE TROUVER PAR HASARD UN NUMERO TELEPHONIQUE D'ABONNE DANS UN SYSTEME DE TELEPHONE MOBILE CELLULAIRE

Patent Applicant/Assignee:

ELECTRONIC DATA SYSTEMS CORPORATION,

Inventor(s):

SONBERG Kenneth W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9311646 A1 19930610

Application: WO 92US10198 19921130 (PCT/WO US9210198)

Priority Application: US 91954 19911203

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA FI JP NO AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 6219
Fulltext Availability:
Detailed Description

Detailed Description

... nature of the subscriber station set. One method of fraudulent access is the use of subscriber number tumbling to obtain unauthorized access to the cellular mobile telephone system. Subscriber number tumbling is accomplished by an unauthorized user programming the cellular telephone station set to tumble subscriber numbers in order to deceive the cellular mobile telephone...controller 301 is responsible for receiving messages from other processes within the roamer verification system 101 and forwarding them to the appropriate subscriber status database server.

The file access controller 301 is also responsible for returning responses to the process-that originated the message, It is obvious that within this system...

...the request for a call origination and the fact that roaming subscriber unit B is not one of the subscriber units whose home base is Mobile Telephone Switching Office 103. Due to the fact that information concerning roaming subscriber unit B is not contained within the database internal to Mobile Telephone Switching Office 103, control messages are thereby transmitted by this switching office 103 by data link 105 to roamer verification system 101 to obtain information concerning the authorization of roaming subscriber unit B to originate and receive cellular service, This is accomplished by Mobile Telephone Switching Office 103 transmitting a call detail notification message to the roamer verification system 101. This is received by the XLI gateway system 203 and...form the operational steps taken by this roamer verification system 101 to identify a bogus call originated by a subscriber. At step 401., the cellular telephone system 103 detects a call origination f or a particular cellular subscriber B. As part of the standard subscriber validation process, at step 402 a...

...presently an the mobile subscriber unit A that originated this call is a roaming mobile subscriber unit. This determination is typically made at the cellular mobile telephone switching office 102 that receives the call origination. This cellular mobile telephone switching office 102 reviews the mobile subscriber identification number with a table of authorized subscribers whose home switch is cellular mobile telephone switching office 102. If there is a lack of correspondence

between the mobile telephone subscriber unit
identification number received from subscriber
telephone unit A and the database that is stored in
the cellular mobile telephone switching office 102, it...

14/3,K/171 (Item 23 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00236354 **Image available**
PERSONAL LOCATOR AND CALL FORWARDING
DISPOSITIF DE LOCALISATION DE PERSONNEL ET DE RENVOI AUTOMATIQUE D'APPEL
Patent Applicant/Assignee:
LIGHT IDEAS INCORPORATED,
Inventor(s):
IGGULDEN Jerry R,
STRECK Donald A,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9310616 A1 19930527
Application: WO 92US5955 19920716 (PCT/WO US9205955)
Priority Application: US 91887 19911120; US 92277 19920331
Designated States:
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prior to 2004)
AT AU BB BG BR CA CH CS DE DK ES FI GB HU JP KP KR LK LU MG MN MW NL NO
PL RO RU SD SE AT BE CH DE DK ES FR GB GR IT LU MC NL SE BF BJ CF CG CI
CM GA GN ML MR SN TD TG
Publication Language: English
Fulltext Word Count: 15683
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... from the received
multiplexed signals and for displaying the alpha-numeric data on
the alpha-numeric display.

In a second embodiment, the plurality of personnel
identifiers comprises a plurality of passive reflecting beacons
carried by individuals throughout the associated locations, each
of the plurality of passive reflecting beacons comprising, a case the
unique readable identification code associated with
respective. ones of the plurality of telephone "tensions.

The objects of the invention have also been attained by
3o beacon apparatus for advising central control and switching
logic of a cellular telephone system central control and
switching
site of present locations of respective ones of a plurality of users
comprising, a plurality of transmitting beacons carried by...

...element carried by the
case, and beacon logic carried by the case for causing the signal

emitting element to periodically transmit a signal including the unique binary number; and, a plurality of detector/transmitters located at various known locations, each of the plurality of io detector/transmitters comprising, a signal detector, detector logic...

...control and switching logic the present location of users associated with identification numbers contained within the detected signals; wherein, the identification number is an electronic serial number of a cellular telephone of the associated user; the signal-emitting element is a cellular 2 0 transmitter; and, each of the plurality of transmitting beacons additionally comprises, receiver...

...a user of a signal receipt, and paging logic means for recognizing received cellular signals received by the -receiver 2 5 means intended for the cellular telephone of the associated user and for activating the annunciator means in response thereto, The objects of the invention have additionally been attained by beacon apparatus...

...element carried by the case, and beacon logic carried by the case for causing the signal emitting element to periodically transmit a signal including the unique binary number; and, a plurality of detector/transmitters located at various known locations, each of the plurality of detector/transmitters comprising, a signal detector, detector logic means...s personal 2 0 identification number contained within the detected signals.

The passive reflective' beacons and the smart badges can also be used as the personal identification input devices in this application of the present invention.

DESCRIPTION OF THE DRAWINGS.

. Figure I is a simplified drawing of a prior art approach to linking a...aimed at a true universal 2 5 communication system. In particular, next generation computers and computer systems are being designed which will include intra-computer networks wherein - telephonic transmissions will be just another form of digital data transmission along with packetized computer data and messages. In such systems, each user is...is not uncommon for a party to have a home telephone number, a work telephone number, a car cellular io telephone number, a portable cellular telephone number, and an identifier on a computer network. By contrast and as depicted in Figure 15, if each user has a single unique identification code...

...uses unique identification code to the network (from a known site), a caller can call the user wherever he/she is

by dialing that one unique identification code number associated with the user. Thus, if the caller caUs on a cellular telephone, the call can be routed to the nearest home telephone 2o number, work telephone number, car cellular telephone number, or portable cellular telephone number as appropriate. Similarly, even if the caller calls from a public telephone booth employing the called party's unique identification code number, the call can still be routed to any type of communications device designed to handle the call as appropriate to the called party's present...

...regardless of where it is stored. The passive reflective beacon and the readable smart badge to be described hereinafter can also be used as the personal identification input device in ...place of the transmitting beacon, if desired, within the scope and spirit of the present invention.

Until such time as the above-described universal communications network with single user identification numbers becomes a reality, the IR beacons 40 in combination with the IR input units 98 at various locations can still...

Claim

... a computer-controlled PBX type telephone system to provide automatic call forwarding and personnel location information of claim I wherein:
a) said plurality of personnel identifiers comprises a plurality of readable smart badges carried by individuals throughout the associated locations, each of said plurality of readable smart badges having a unique readable identification code; and,
3.0 b) said plurality of code reading means comprises a plurality of readers including means for reading said unique readable identification code associated with respective ones of the, plurality of telephone extensions.
IS 15. Beacon apparatus for advising central control and switching logic of a cellular telephone system central control and switching site of present locations of respective ones of a plurality of users comprising:
a) a plurality of transmitting beacons carried...
...said
3 0 case, and
a5) beacon logic carried by said case for causing said signal-emitting element to periodically transmit a signal including said unique binary number; and,
b) a plurality of detector/transmitters located at various known locations, each of said plurality of detector/transmitters comprising,
b1) A Signal detector,
b2...

...the
 present location of users associated 'with identification
 numbers contained within said detected signals; and
 wherein,
 c) said identification number is an electronic
 1.5 serial number of a cellular telephone of said
 associated user;
 d) said signal-emitting element is a cellular
 transmitter; and,
 e) each of said plurality of transmitting beacons
 additionally comprises,
 el...

...advising a user of
 a signal receipt, and
 e3) paging logic means for recognizing
 received cellular signals received by said receiver means
 intended for said cellular telephone of said associated user
 and for activating said annunciator means in response
 thereto.

16 Beacon apparatus for advising central control and
 switching logic of a...

...said
 case., and
 a5) beacon logic carried by said case for
 causing said signal-emitting element to periodically
 1.5 transmit a signal including said unique binary number;
 and.,
 b) a plurality of detector/transmitters located at
 various known locations, each of said plurality of
 detectorAransmitters comprising,
 2 ...number is a personal
 identification number of an associated user; and,
 d) said transmitter logic means includes logic for
 transmitting to the wide area computer network central control
 site the, present one of said various known locations associated
 with a user's personal identification number contained within
 said detected signals.

17...

14/3,K/172 (Item 24 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00235379 **Image available**
 APPARATUS FOR DETECTING AND PREVENTING SUBSCRIBER NUMBER CLONING IN A
 CELLULAR MOBILE TELEPHONE SYSTEM
 APPAREIL DE DETECTION ET DE PREVENTION DU CLONAGE D'UN NUMERO D'ABONNE DANS
 UN SYSTEME DE TELEPHONE CELLULAIRE MOBILE
 Patent Applicant/Assignee:
 ELECTRONIC DATA SYSTEMS CORPORATION,
 Inventor(s):

COOPER John R,
SONBERG Kenneth W,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9309640 A1 19930513
Application: WO 92US9614 19921106 (PCT/WO US9209614)
Priority Application: US 91643 19911108
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
CA FI JP NO SE AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE
Publication Language: English
Fulltext Word Count: 6802
Fulltext Availability:
Detailed Description
Claims

Detailed Description

... nature of the subscriber station set. One method of fraudulent access is the use of subscriber number cloning to obtain unauthorized access to the cellular mobile telephone system. Subscriber number cloning is accomplished by an unauthorized user programming a valid subscriber number into the cellular telephone station set in order to deceive the cellular mobile...controller 301 is responsible for receiving messages from other processes within the roamer verification system 101 and forwarding them to the appropriate subscriber status database server.

The file access controller 301 is also responsible for returning responses to the process that originated the message. It is obvious that within this system...

...between

cell site transmitter 124 and roaming subscriber unit B. data messages are transmitted over data link 1124 from cell site transmitter 124 to Mobile Telephone Switching Office 103, Mobile Telephone Switching Office 103 recognizes the request for a call origination and the fact that roaming subscriber unit B is not one of the subscriber units whose home base is Mobile Telephone Switching Office 103. Due to the fact that information concerning roaming subscriber unit B is not contained within the database internal to Mobile Telephone Switching Office 103,, control messages are thereby transmitted by this switching office 103 by data link 105 to roamer verification system 101 to obtain information concerning the authorization of roaming subscriber unit B to originate and receive cellular service. This is accomplished by Mobile Telephone Switching Office 103 transmitting a call detail notification message to the roamer verification system 101. This is received by the XLI gateway system 203 and...

...request, it transmits a message to the database server system 221 which message contains the

following information.

1a Mobile identification number (MIN),
2, Electronic Serial Number (ESN).

3a Roam Switch Identifier,
4, Roam Switch System Identifier,
This same information is also transmitted to the call
detail server 303 for entry into...

...diagram form the
operational steps taken by this roamer verification
system 101 to identify a bogus call originated by a
subscriber, At step 401, the cellular telephone
system 103 detects a call origination for a particular
cellular subscriber B. As part of the standard
subscriber validation process, at step 402 a
determination is made whether there is presently an
existing call for this subscriber on the cellular
telephone switching network. If there is presently an
active call extant on the cellular telephone switching
network at step 403, a determination is made whether
this new call origination detected at step 401
represents an addition of a third...

...has originated a bogus call.

If at step 402 it is determined that the
existing call is the only one active in the cellular
telephone network for the subscriber, processing
advances to step 404 where the verification system
locates the call detail records in call detail
database 312 indicative of...

Claim

... unit (B) is
assigned; and
means (502, 508), responsive to the receipt
of said requested data, for enabling said call
origination if said received requested data matches a
personal identification number stored in a memory
(317) in said apparatus.

13 The apparatus of claim 1 further comprising:
means (503, 504), responsive to detected
temporal anomalies for...whom said subscriber unit (B) is
assigned; and
enabling, in response to the receipt of said
requested data, said call origination when said
received requested data matches a personal
identification number stored in a memory (317) in said
subscriber verification system (101).

26 The method of claim 14 further comprising
the steps of:
comparing, in response...

[Insert]

V. Additional Resources Searched

[Insert]